

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
 Data File : BN005410.D
 Acq On : 01 May 2019 14:46
 Operator : JU/SJ
 Sample : K2481-07MEDL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 GAHW2MEDL

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M

Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.781	638	645	655	rBV	320762	529505	3.79%	0.307%
2	6.940	667	672	679	rBV	259844	406858	2.91%	0.236%
3	7.134	698	705	716	rVB	342984	552765	3.96%	0.321%
4	7.593	775	783	791	rBV	1719070	2762523	19.79%	1.604%
5	8.299	895	903	914	rBV	367891	657442	4.71%	0.382%
6	8.734	972	977	988	rVB	300746	526745	3.77%	0.306%
7	9.452	1092	1099	1106	rBV	240259	424172	3.04%	0.246%
8	9.987	1184	1190	1200	rVB	387024	695086	4.98%	0.404%
9	10.357	1244	1253	1258	rBV	2562089	4275301	30.63%	2.482%
10	10.405	1258	1261	1270	rVV	403776	645954	4.63%	0.375%
11	10.499	1270	1277	1287	rVV	317156	661313	4.74%	0.384%
12	11.799	1493	1498	1505	rVV	264223	438121	3.14%	0.254%
13	12.028	1528	1537	1546	rBV	6536749	10322236	73.94%	5.992%
14	12.246	1563	1574	1586	rBV	3727761	6118696	43.83%	3.552%
15	13.057	1705	1712	1721	rBV2	770711	1311609	9.40%	0.761%
16	13.251	1739	1745	1758	rVB	787448	1657182	11.87%	0.962%
17	13.387	1761	1768	1770	rBV	3006230	4858920	34.81%	2.821%
18	13.551	1786	1796	1801	rBV	3576371	6526994	46.76%	3.789%
19	13.604	1801	1805	1809	rVV	2210412	3181564	22.79%	1.847%
20	13.646	1809	1812	1814	rVV	778382	986164	7.06%	0.573%
21	13.681	1814	1818	1824	rVB2	1390365	2097749	15.03%	1.218%
22	13.787	1830	1836	1840	rBV	1722043	2719098	19.48%	1.579%
23	13.816	1840	1841	1849	rVB	459505	478844	3.43%	0.278%
24	13.945	1859	1863	1872	rVB2	3099474	4946676	35.43%	2.872%
25	14.151	1893	1898	1901	rBV	250419	311038	2.23%	0.181%
26	14.228	1901	1911	1917	rVV3	3372887	6557277	46.97%	3.807%
27	14.293	1917	1922	1924	rVV2	486678	753071	5.39%	0.437%
28	14.322	1924	1927	1931	rVV2	467601	614871	4.40%	0.357%
29	14.445	1942	1948	1956	rBV2	624346	1414520	10.13%	0.821%
30	14.528	1957	1962	1970	rVB2	249531	415974	2.98%	0.241%
31	14.634	1970	1980	1988	rBV2	1009354	1940473	13.90%	1.127%
32	14.710	1988	1993	2001	rVB	924959	1330821	9.53%	0.773%
33	14.840	2009	2015	2022	rBV3	899502	2004921	14.36%	1.164%
34	14.910	2022	2027	2030	rVV	660452	854033	6.12%	0.496%

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35	15.004	2038	2043	2045	rBV	328380	512153	3.67%	0.297%
36	15.028	2045	2047	2050	rVV	276014	298235	2.14%	0.173%
37	15.104	2056	2060	2066	rVB2	774763	1077411	7.72%	0.625%
38	15.175	2066	2072	2074	rBV	284699	448098	3.21%	0.260%
39	15.228	2075	2081	2086	rVB2	1672079	2502638	17.93%	1.453%
40	15.281	2086	2090	2103	rVB	2380627	4167031	29.85%	2.419%
41	15.410	2109	2112	2116	rVB4	321002	370765	2.66%	0.215%
42	15.504	2123	2128	2135	rVB7	183921	376934	2.70%	0.219%
43	15.581	2135	2141	2147	rBV2	439267	749884	5.37%	0.435%
44	15.734	2159	2167	2175	rVB4	296705	769020	5.51%	0.446%
45	15.969	2201	2207	2212	rBV4	346992	588143	4.21%	0.341%
46	16.292	2247	2262	2266	rVV	853249	2308521	16.54%	1.340%
47	16.339	2266	2270	2276	rVV	917080	1401029	10.04%	0.813%
48	16.439	2283	2287	2293	rVV2	433541	741750	5.31%	0.431%
49	16.528	2293	2302	2304	rVV5	175873	434607	3.11%	0.252%
50	16.563	2304	2308	2312	rVV4	249799	466568	3.34%	0.271%
51	16.639	2318	2321	2328	rVV3	337160	538649	3.86%	0.313%
52	16.722	2328	2335	2340	rVV3	142291	335709	2.40%	0.195%
53	16.798	2345	2348	2358	rVB	603358	937887	6.72%	0.544%
54	16.986	2373	2380	2383	rBV	3830596	5775000	41.37%	3.353%
55	17.028	2383	2387	2392	rVV	9734143	13959900	100.00%	8.104%
56	17.081	2392	2396	2399	rVV2	1069714	1559315	11.17%	0.905%
57	17.116	2399	2402	2407	rVV	897639	1194861	8.56%	0.694%
58	17.181	2407	2413	2418	rVV2	318711	628454	4.50%	0.365%
59	17.263	2424	2427	2431	rVV3	141956	283982	2.03%	0.165%
60	17.510	2465	2469	2473	rVV	322754	397552	2.85%	0.231%
61	17.569	2474	2479	2488	rVB3	467889	776299	5.56%	0.451%
62	17.710	2499	2503	2511	rVB	236943	456484	3.27%	0.265%
63	17.863	2523	2529	2533	rBV	2867957	3997205	28.63%	2.321%
64	17.910	2533	2537	2546	rVB	3192521	4368028	31.29%	2.536%
65	17.992	2546	2551	2556	rBV	302755	401161	2.87%	0.233%
66	18.051	2556	2561	2566	rBV2	2038587	3565086	25.54%	2.070%
67	18.092	2566	2568	2579	rVB	1405448	1850989	13.26%	1.075%
68	18.369	2611	2615	2619	rVV	1059422	1455747	10.43%	0.845%
69	18.410	2619	2622	2628	rVB2	701895	1020429	7.31%	0.592%
70	18.622	2654	2658	2662	rVV2	416839	671837	4.81%	0.390%
71	18.675	2662	2667	2670	rVV	464191	693560	4.97%	0.403%

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72	18.716	2670	2674	2678	rVV	261710	359327	2.57%	0.209%
73	18.798	2682	2688	2693	rVV3	918323	1745574	12.50%	1.013%
74	18.851	2693	2697	2701	rVV3	527425	1132677	8.11%	0.658%
75	18.886	2701	2703	2707	rVV	493619	592752	4.25%	0.344%
76	18.933	2707	2711	2720	rVV2	378239	1008094	7.22%	0.585%
77	19.057	2724	2732	2739	rVV2	2283083	3477872	24.91%	2.019%
78	19.133	2740	2745	2747	rVV	345698	476941	3.42%	0.277%
79	19.163	2747	2750	2754	rVV2	238538	397794	2.85%	0.231%
80	19.210	2754	2758	2763	rVV	854599	1210481	8.67%	0.703%
81	19.263	2763	2767	2772	rVV	351065	560210	4.01%	0.325%
82	19.339	2772	2780	2785	rVV3	144882	401961	2.88%	0.233%
83	19.398	2785	2790	2791	rVV	1163992	1475987	10.57%	0.857%
84	19.428	2791	2795	2804	rVV	2857650	4445369	31.84%	2.581%
85	19.510	2805	2809	2814	rVB2	185519	315336	2.26%	0.183%
86	19.757	2847	2851	2862	rBV2	426337	881432	6.31%	0.512%
87	19.898	2869	2875	2877	rVV3	404968	705484	5.05%	0.410%
88	19.928	2877	2880	2885	rVB	665404	985211	7.06%	0.572%
89	20.033	2894	2898	2904	rBV2	443624	626398	4.49%	0.364%
90	20.092	2904	2908	2912	rVB	458652	564764	4.05%	0.328%
91	20.227	2928	2931	2936	rBV	307604	427566	3.06%	0.248%
92	20.280	2936	2940	2944	rVB	372333	509777	3.65%	0.296%
93	20.692	3007	3010	3017	rVB	209710	331228	2.37%	0.192%
94	20.898	3041	3045	3048	rBV	224790	253369	1.81%	0.147%
95	21.216	3092	3099	3103	rBV2	3691888	5977895	42.82%	3.470%
96	21.257	3103	3106	3113	rVB	823625	1228007	8.80%	0.713%
97	21.774	3191	3194	3198	rVB	288196	339905	2.43%	0.197%
98	22.792	3360	3367	3376	rVB4	388329	1048007	7.51%	0.608%
99	23.286	3447	3451	3455	rBV	460558	728043	5.22%	0.423%
100	23.427	3469	3475	3482	rBV	2167264	3986191	28.55%	2.314%

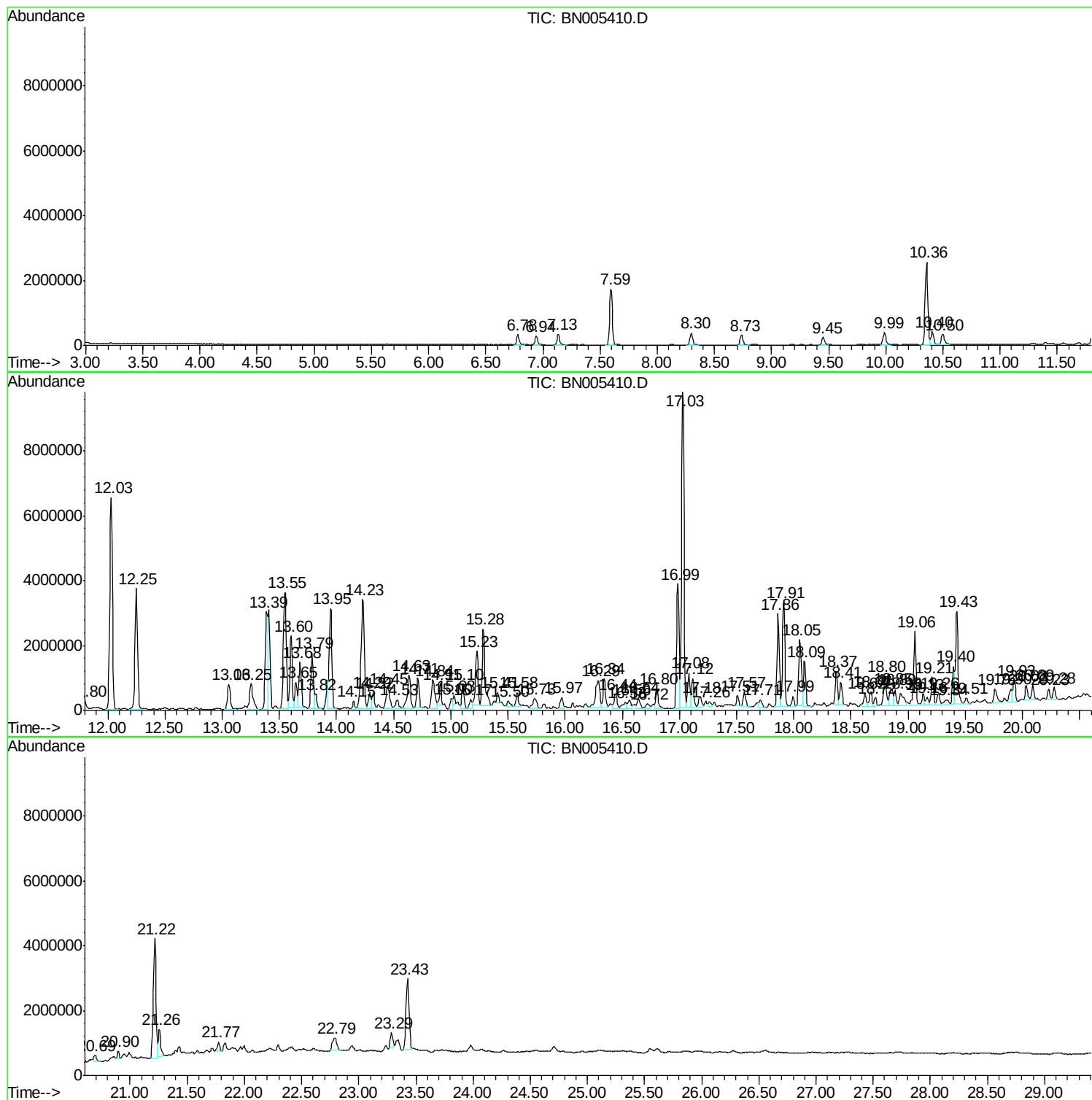
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Instrument :
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ClientSampleId :
GAHW2MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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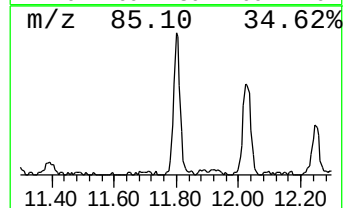
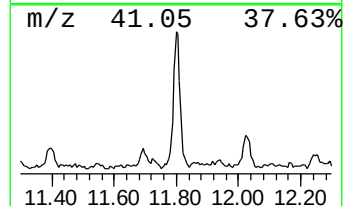
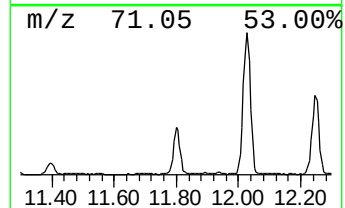
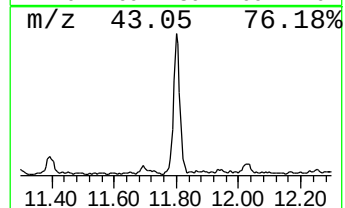
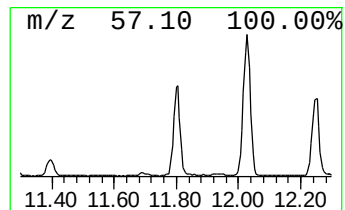
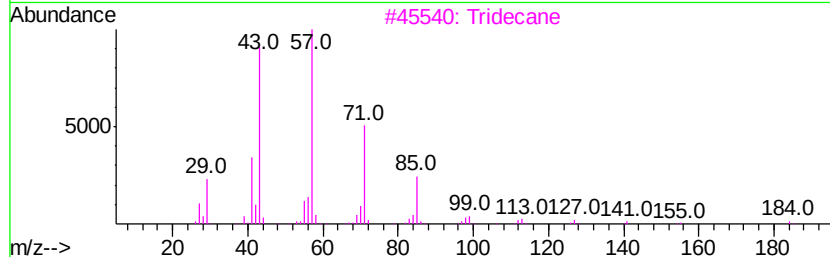
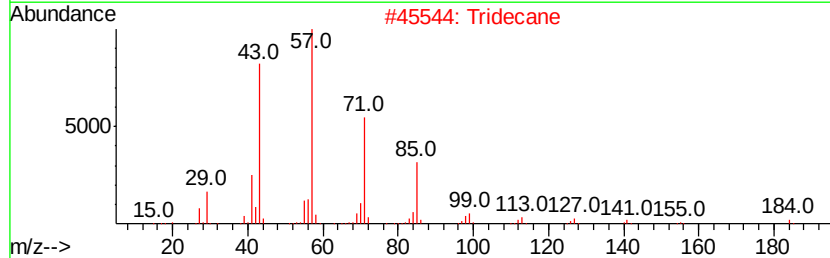
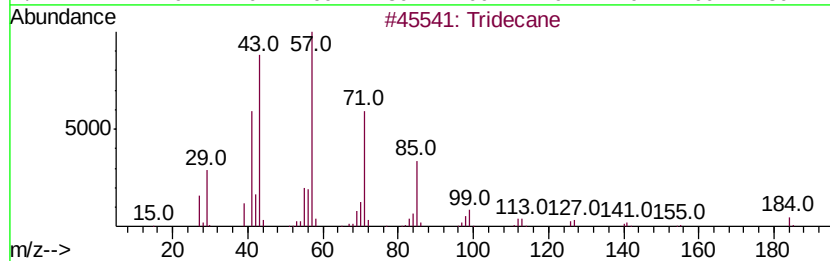
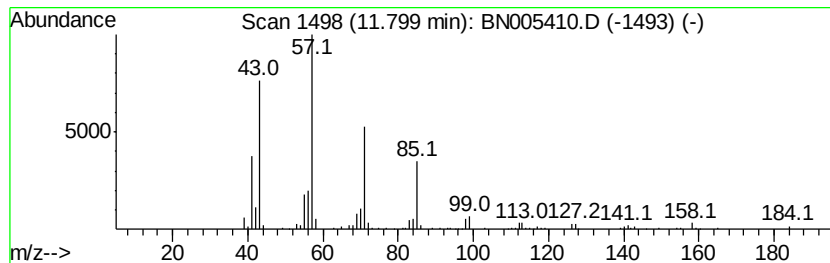
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	2.05 ng/ul	438121	Napthalene-d8	10.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	91
2			Tridecane	184	C13H28	000629-50-5	90
3			Tridecane	184	C13H28	000629-50-5	90
4			Tetradecane	198	C14H30	000629-59-4	90
5			Tridecane	184	C13H28	000629-50-5	90



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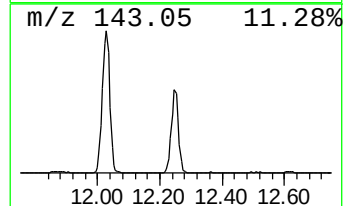
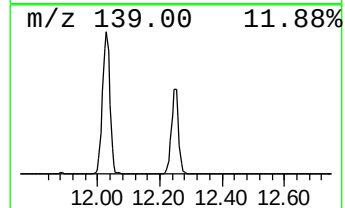
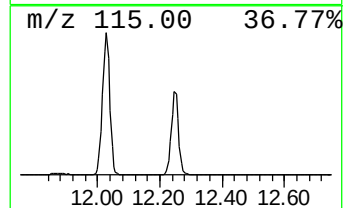
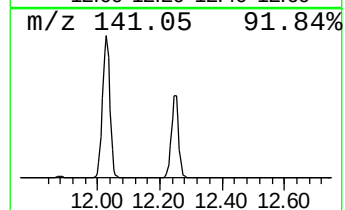
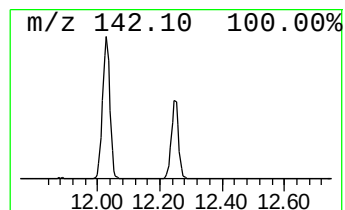
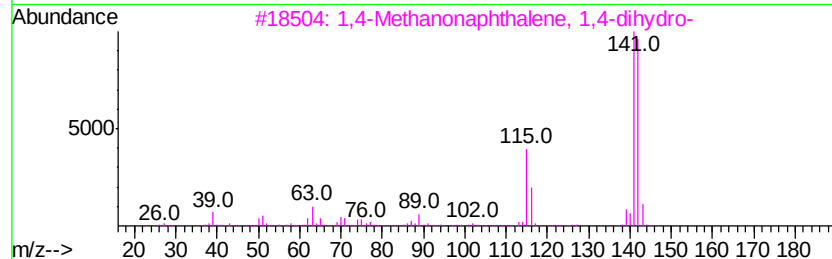
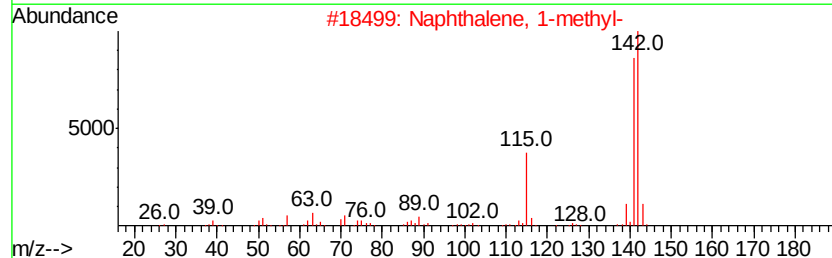
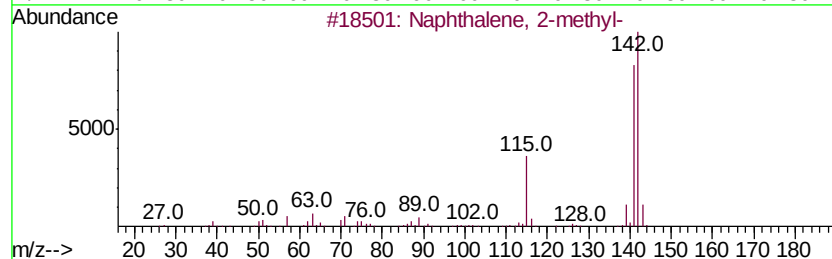
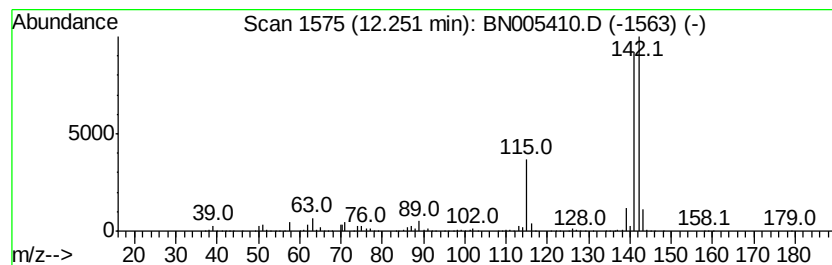
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Naphthalene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	28.62 ng/ul	6118700	Naphthalene-d8	10.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		1,4-Methanonaphthalene, 1,4-dihv...	142	C11H10	004453-90-1	94
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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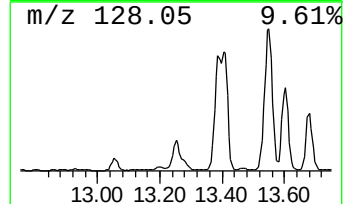
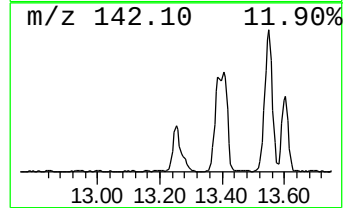
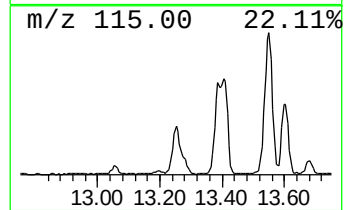
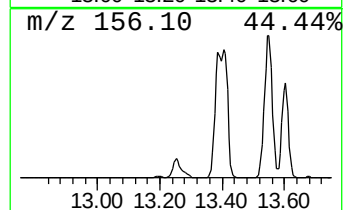
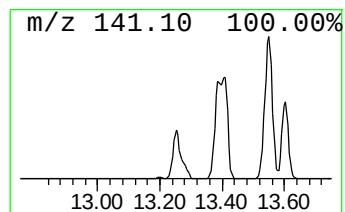
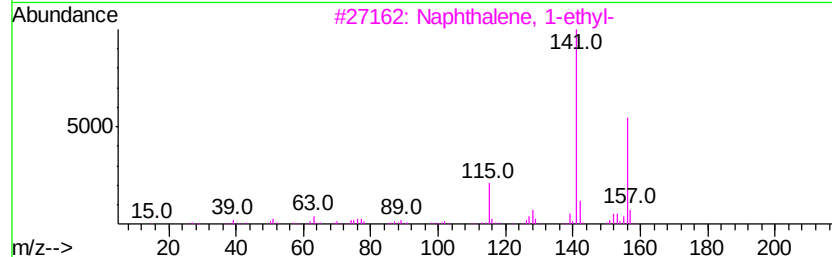
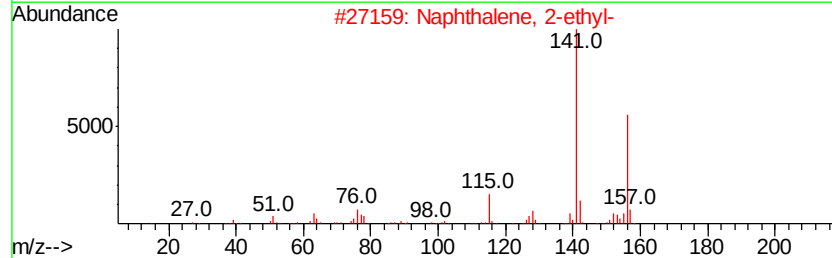
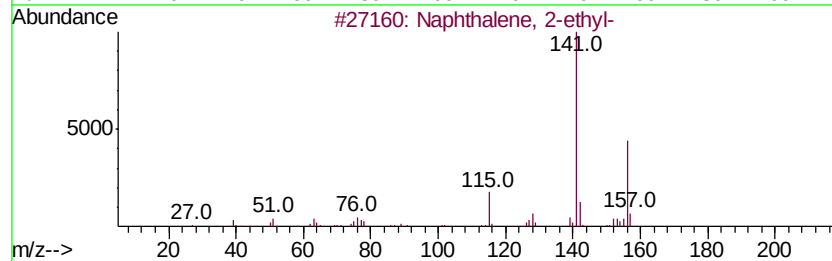
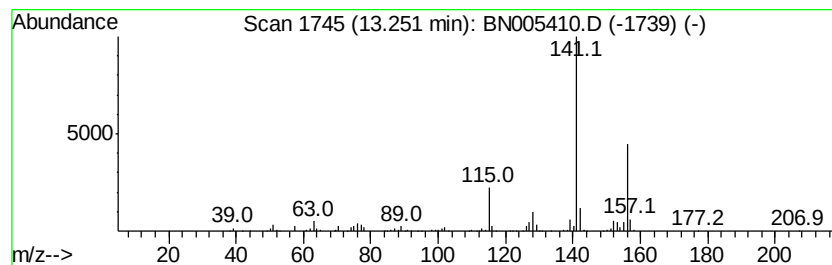
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Naphthalene, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.25	5.05 ng/ul	1657180	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 97
2		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 96
3		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 96
4		Naphthalene, 1-ethyl-	156 C12H12	001127-76-0 95
5		Naphthalene, 2-ethyl-	156 C12H12	000939-27-5 95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

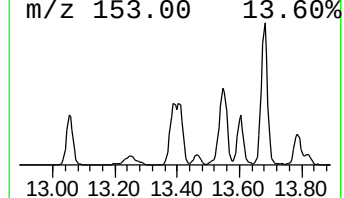
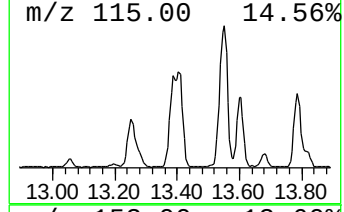
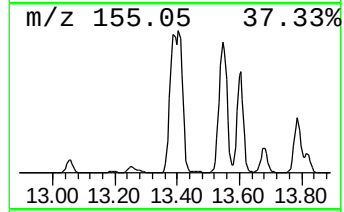
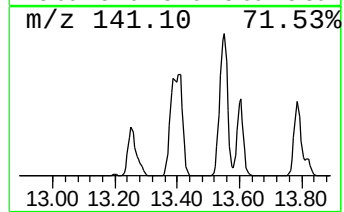
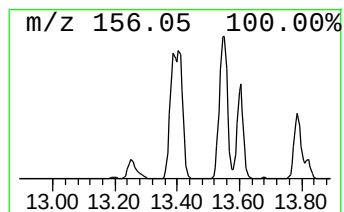
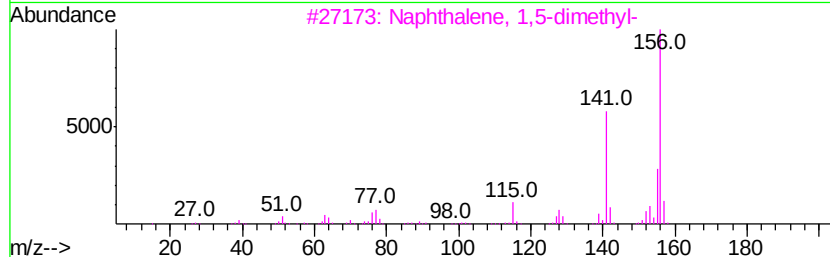
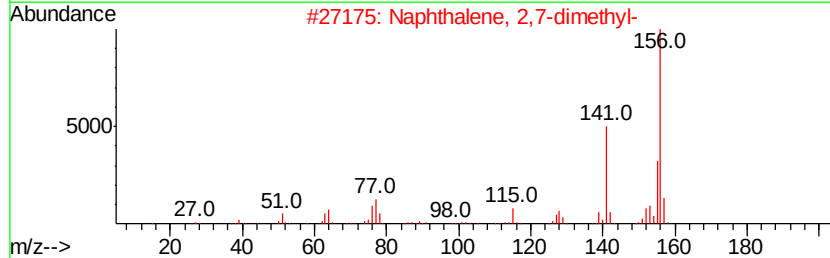
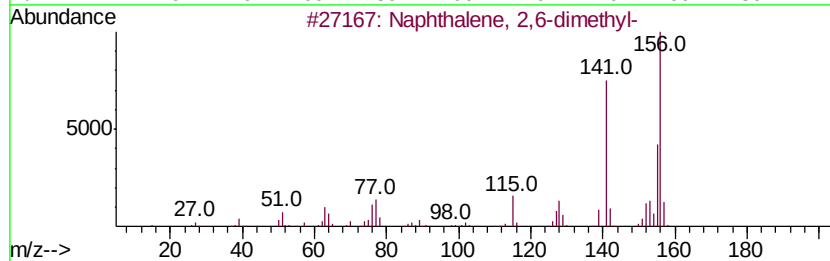
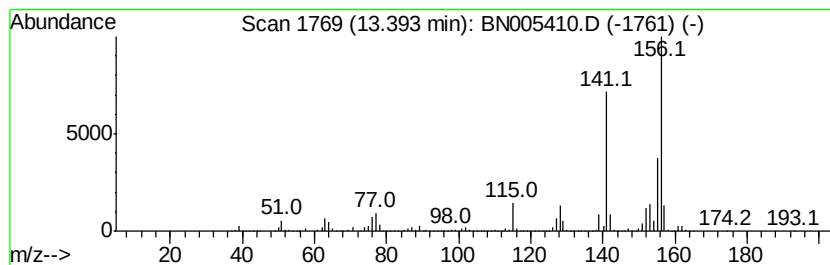
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	14.82 ng/ul	4858920	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
2		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
3		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
4		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
5		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

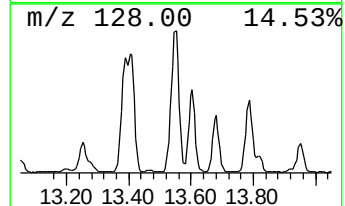
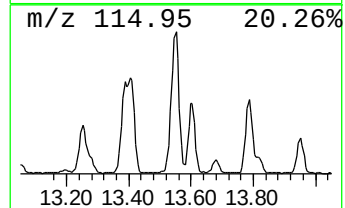
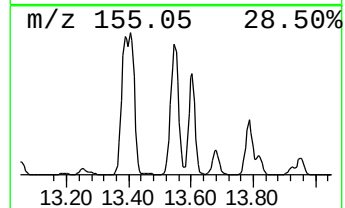
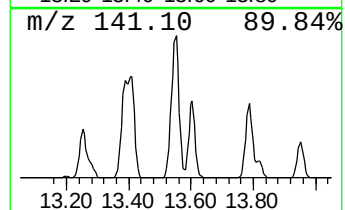
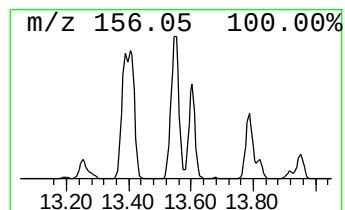
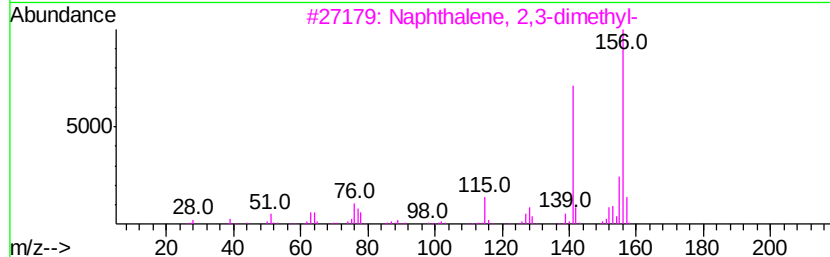
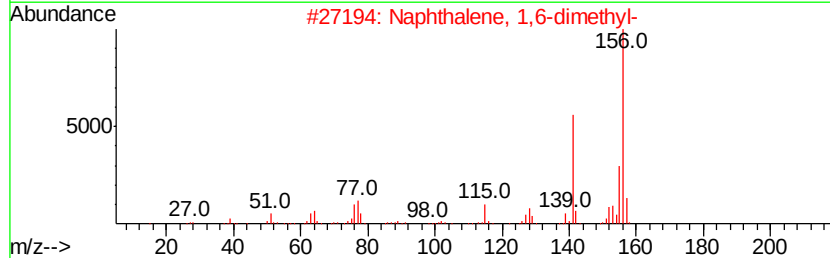
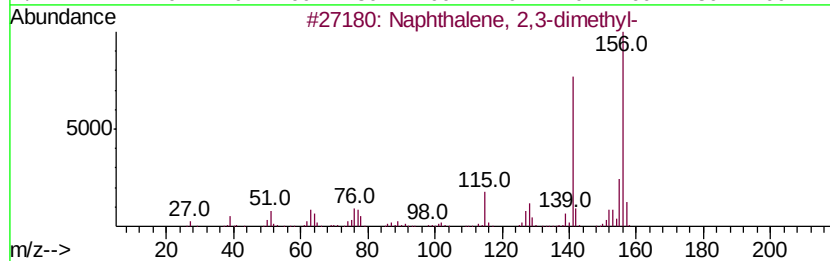
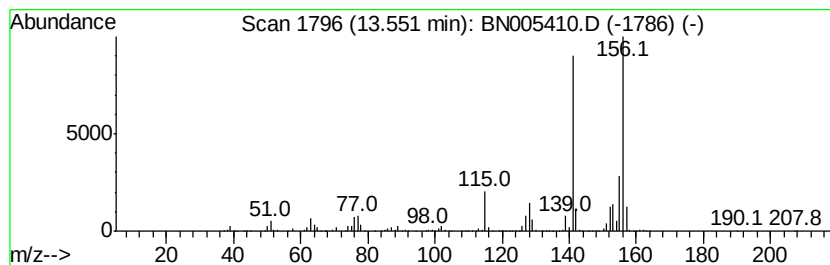
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Naphthalene, 2,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	19.91 ng/ul	6526990	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 1,6-dimethyl-	156 C12H12	000575-43-9 97
3		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
4		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

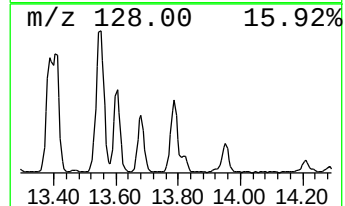
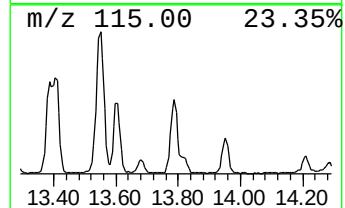
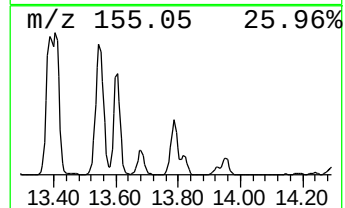
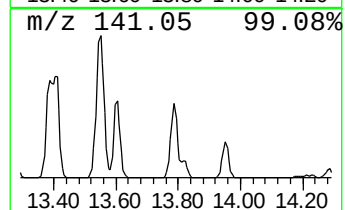
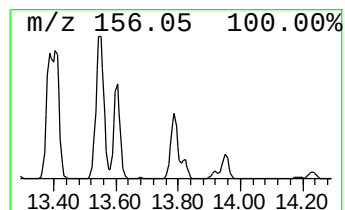
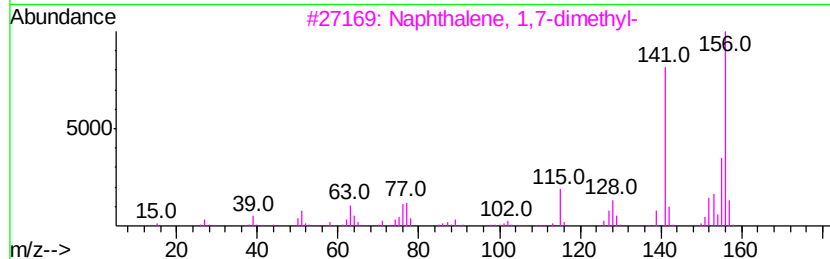
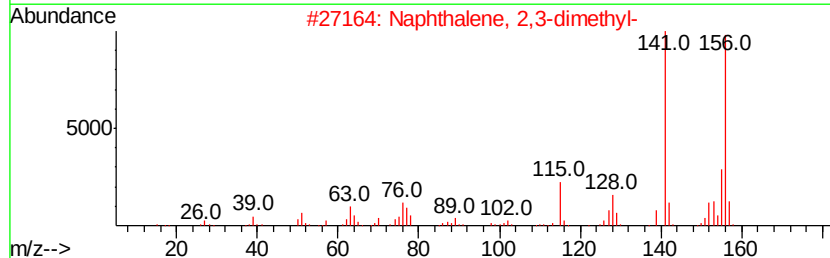
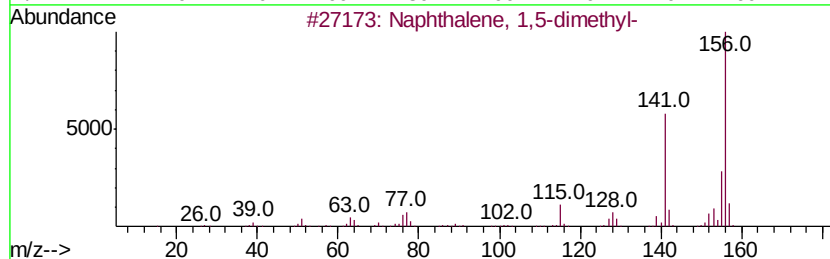
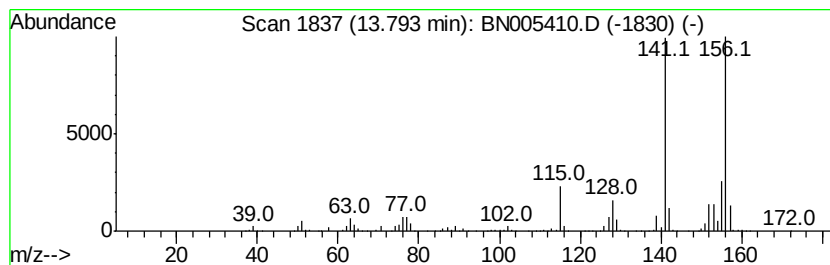
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	8.29 ng/ul	2719100	Acenaphthene-d10	14.23
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,5-dimethyl-	156 C12H12	000571-61-9 97
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
3		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 97
4		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 96
5		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 96



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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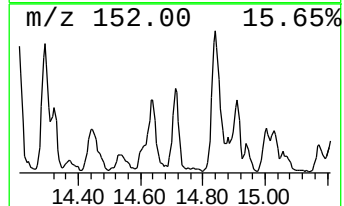
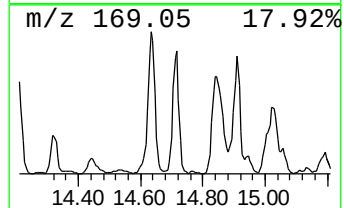
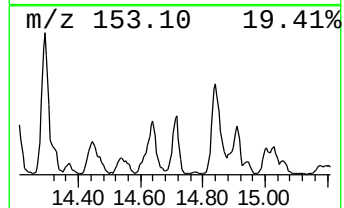
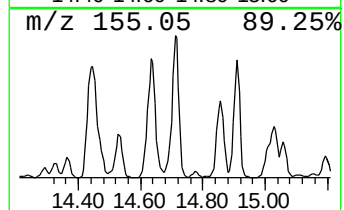
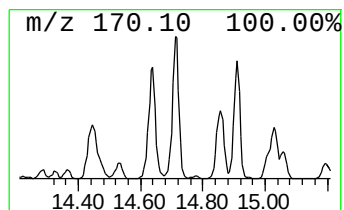
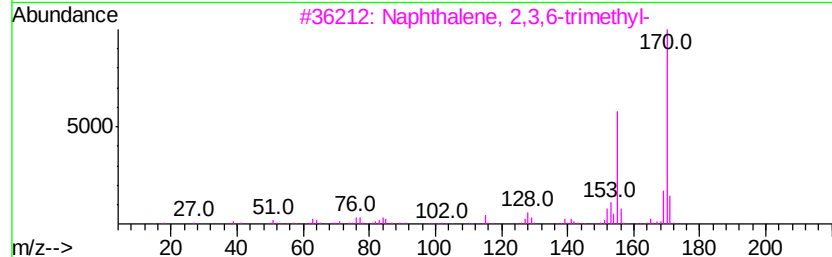
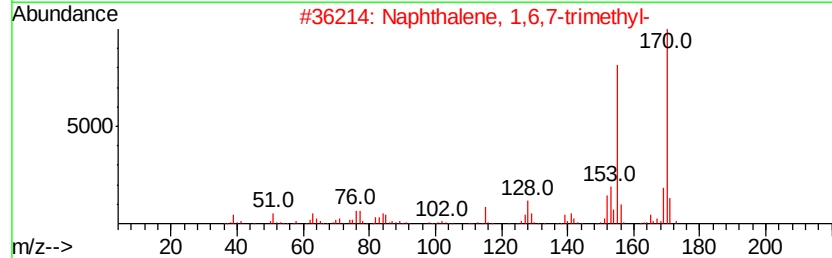
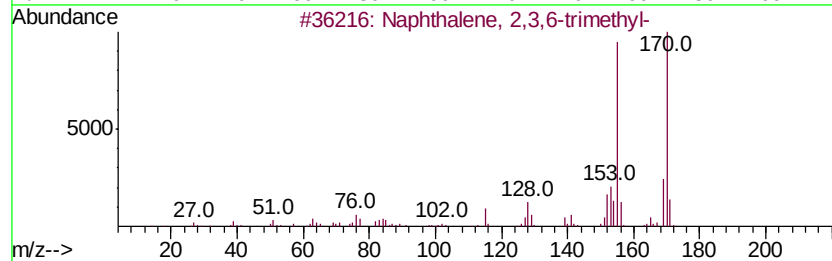
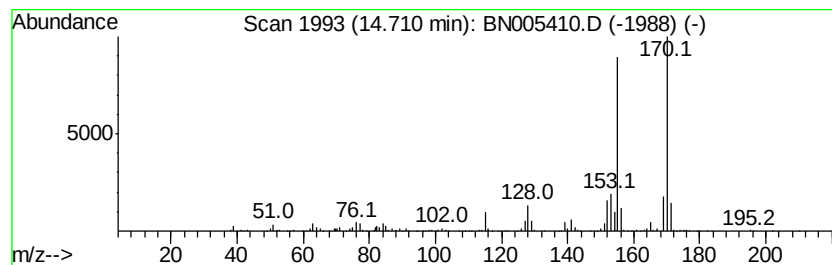
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Naphthalene, 2,3,6-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	4.06 ng/ul	1330820	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
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Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

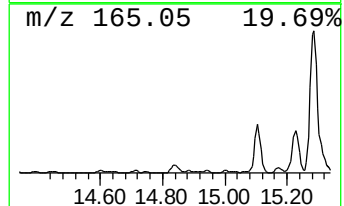
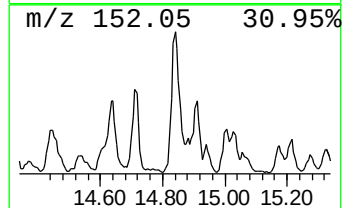
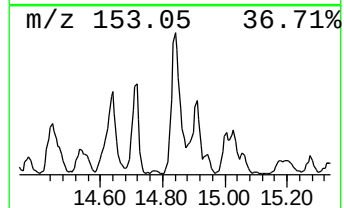
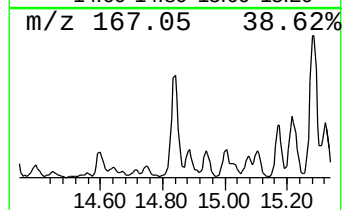
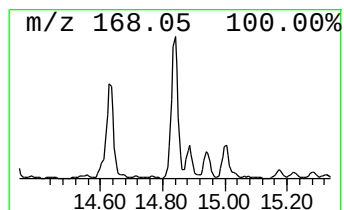
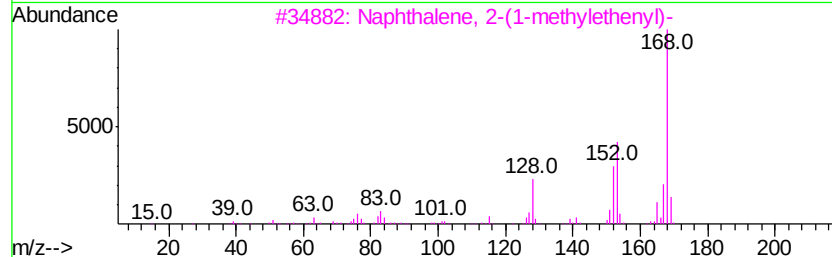
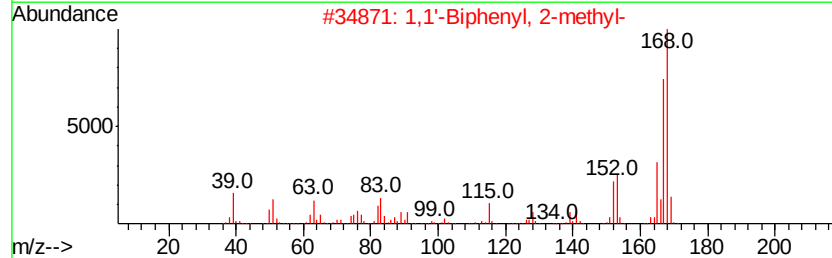
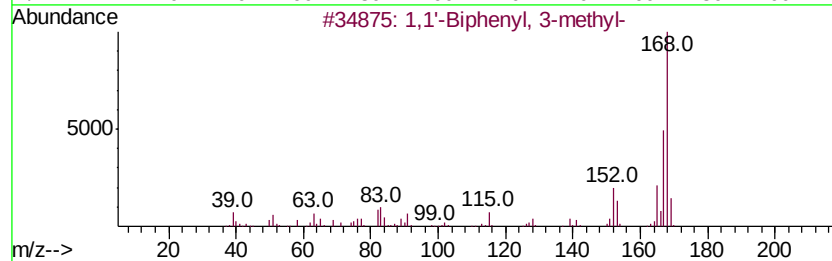
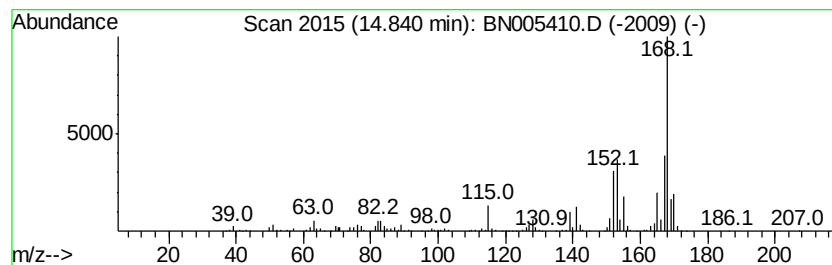
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 1,1'-Biphenyl, 3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.84	6.12 ng/ul	2004920	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	70
2	1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	60
3	Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	58
4	2,4-Dimethoxy-5-pyrimidine carbo...	168	C7H8N2O3	052606-02-7	47
5	1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
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Misc :
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Instrument :
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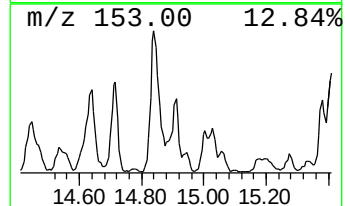
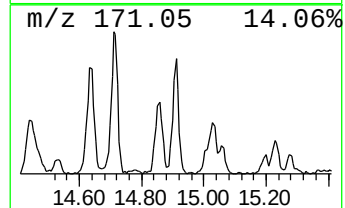
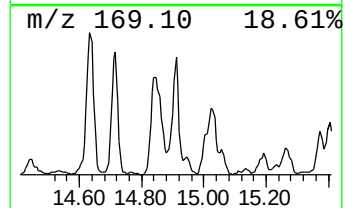
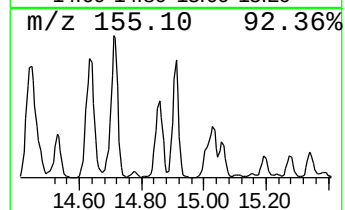
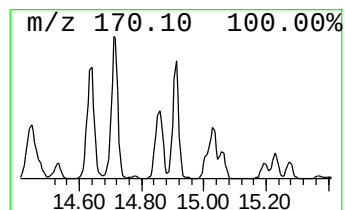
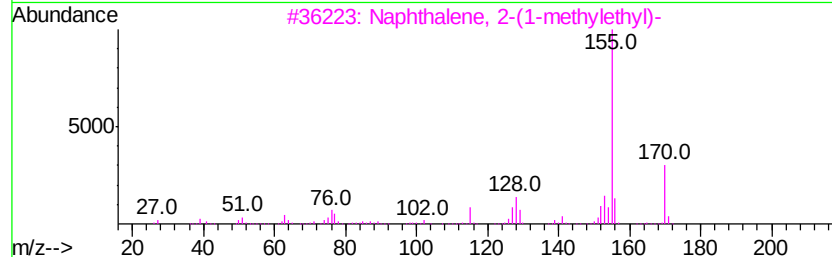
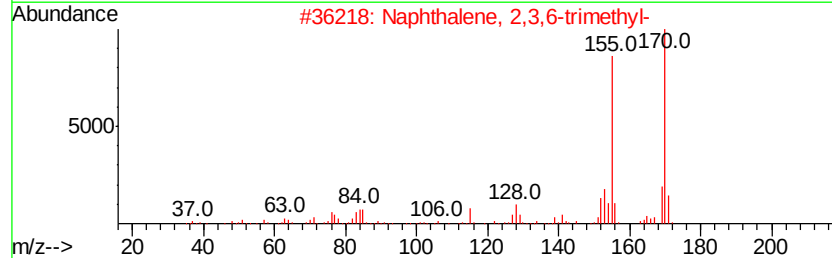
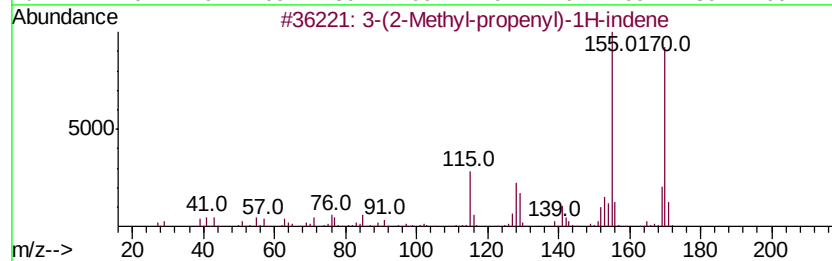
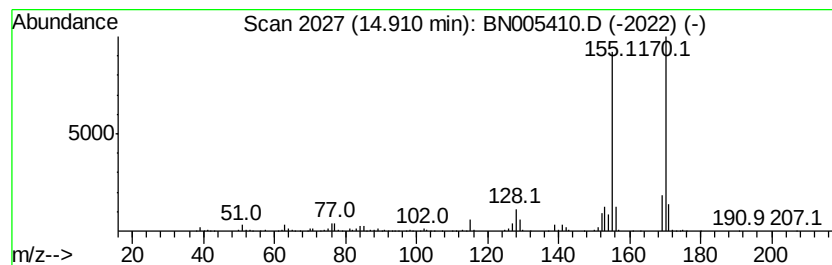
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 3-(2-Methyl-propenyl)-1H-in... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.91	2.60 ng/ul	854033	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	90
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
3		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	86
4		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86
5		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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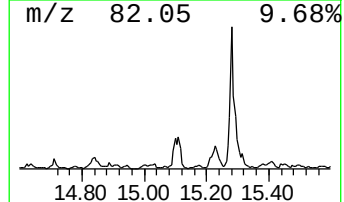
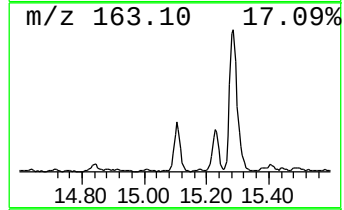
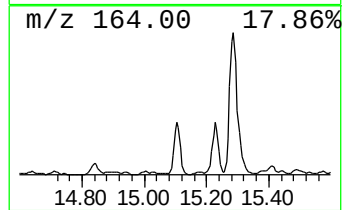
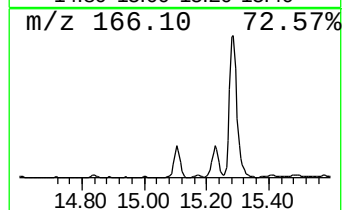
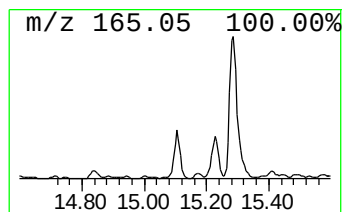
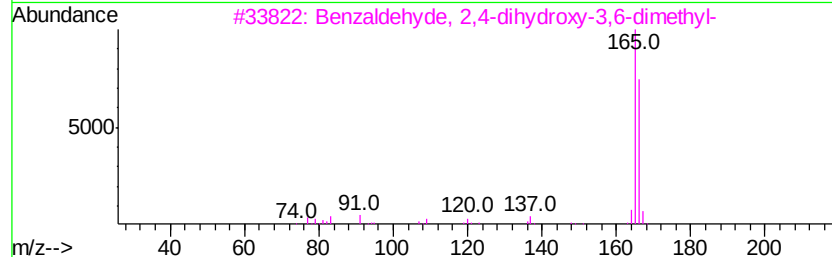
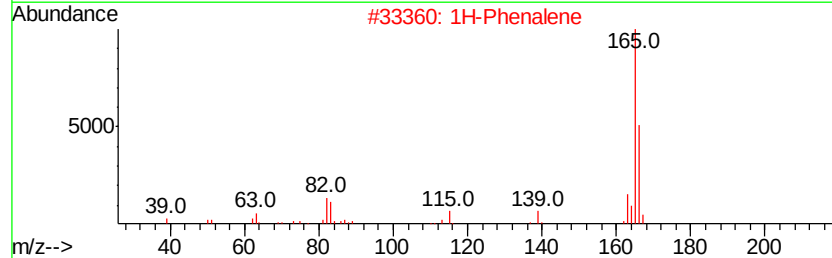
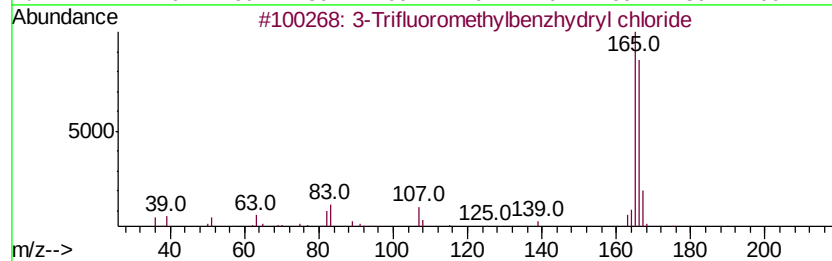
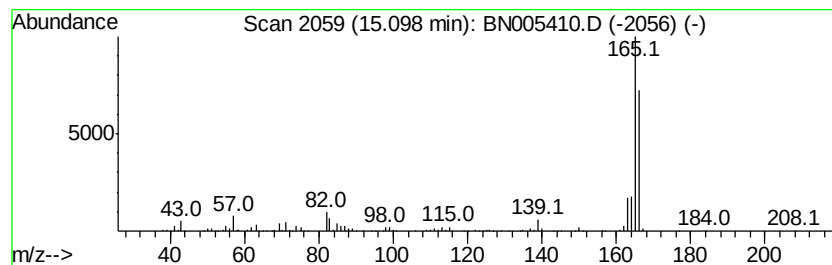
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 3-Trifluoromethylbenzhydryl... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	3.29 ng/ul	1077410	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	72
2		1H-Phenylene	166	C13H10	000203-80-5	53
3		Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	50
4		Fluorene	166	C13H10	000086-73-7	38
5		Fluorene	166	C13H10	000086-73-7	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW2MEDL

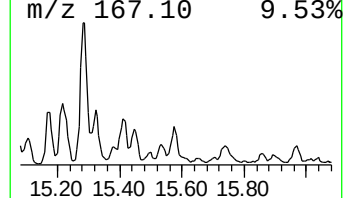
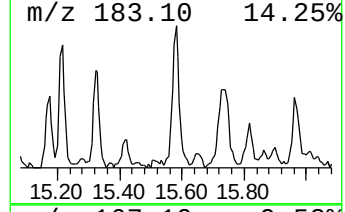
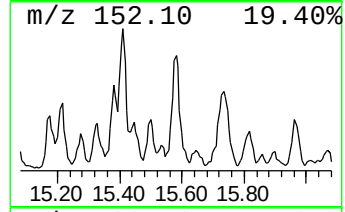
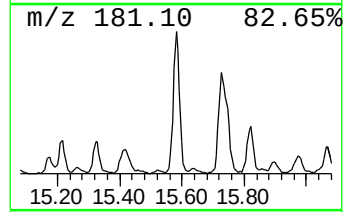
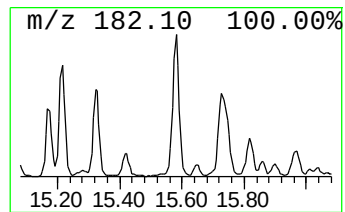
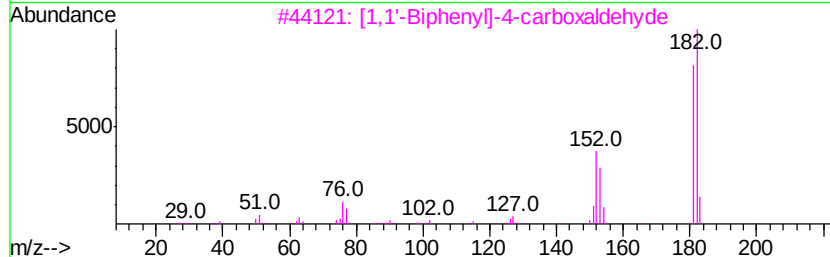
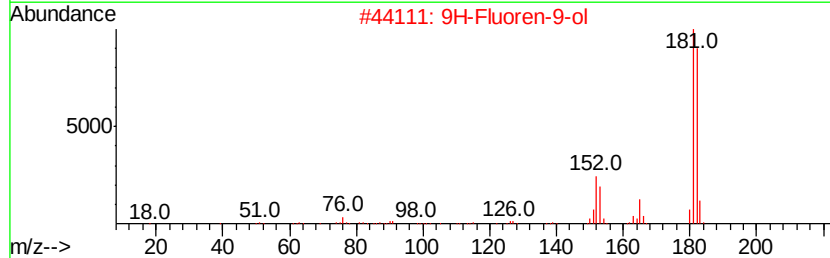
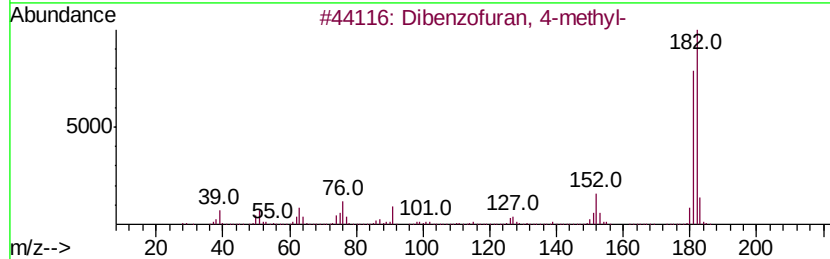
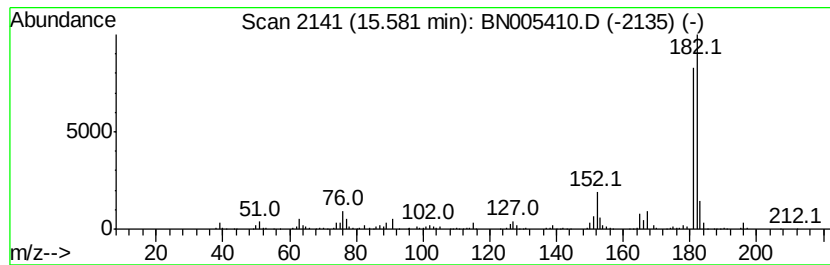
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Dibenzofuran, 4-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	2.29 ng/ul	749884	Acenaphthene-d10	14.23

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
3		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
4		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	64
5		Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
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Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAHW2MEDL

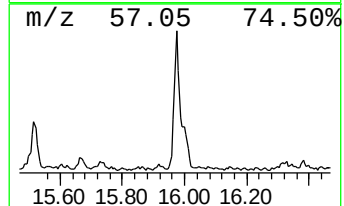
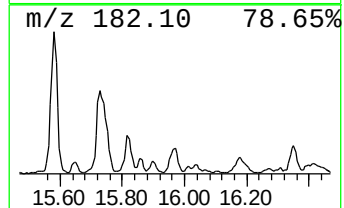
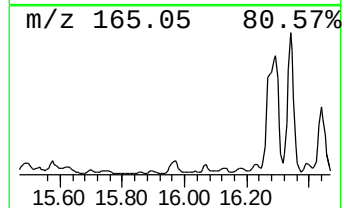
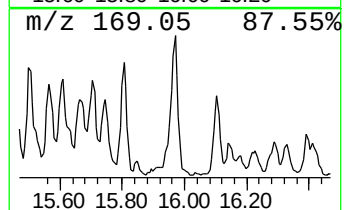
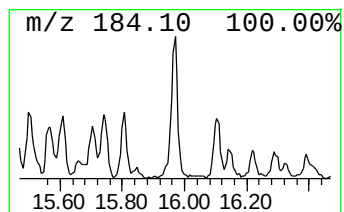
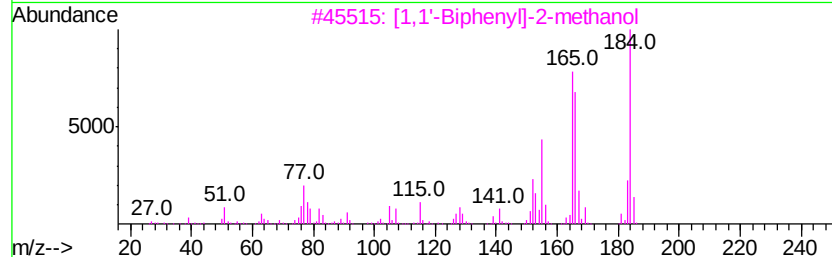
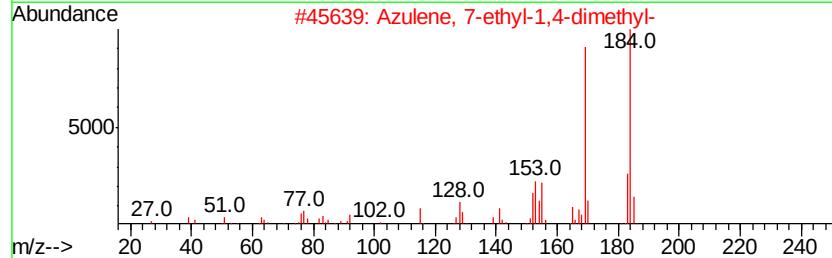
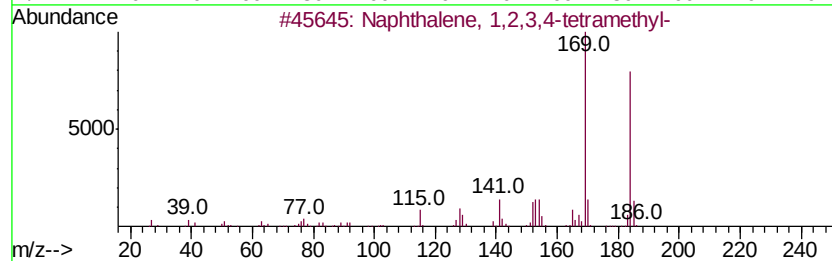
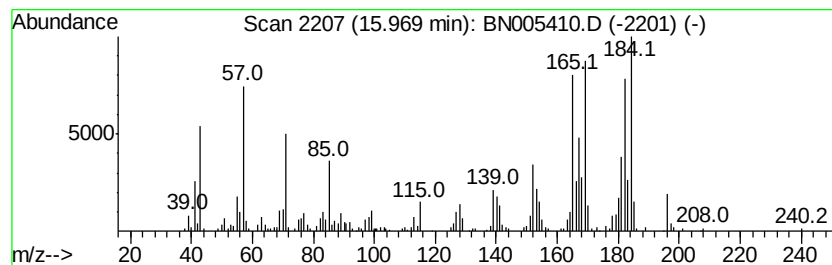
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Naphthalene, 1,2,3,4-tetram... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.97	2.04 ng/ul	588143	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	83
2		Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	66
3		[1,1'-Biphenyl]-2-methanol	184	C13H12O	002928-43-0	42
4		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	41
5		3,5-Dimethyl-2-phenylpyridine	183	C13H13N	027063-86-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW2MEDL

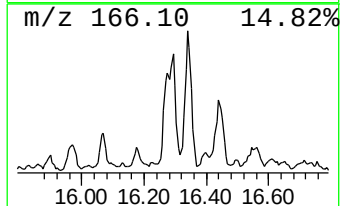
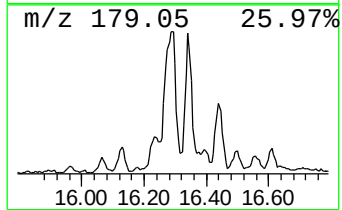
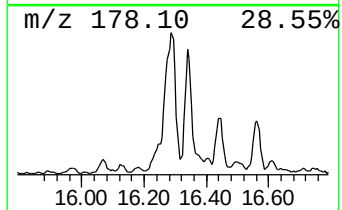
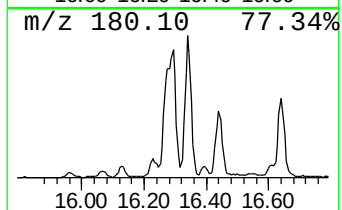
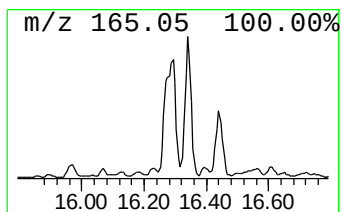
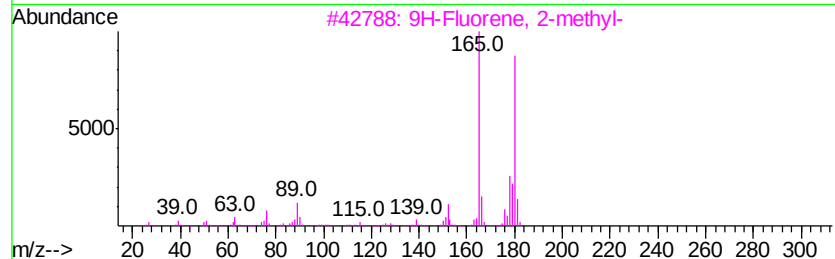
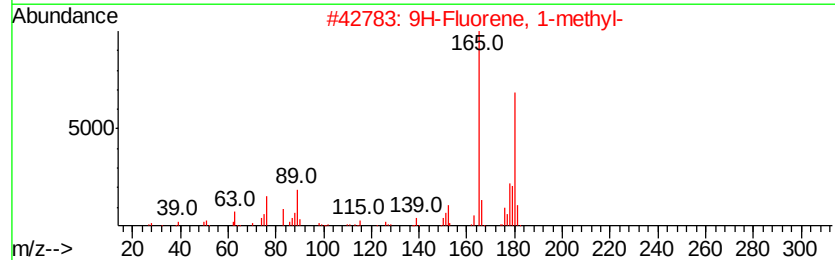
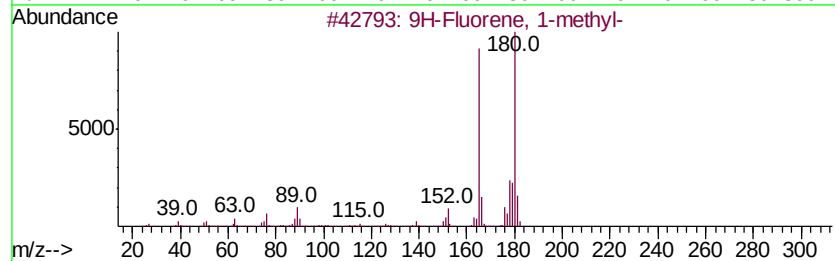
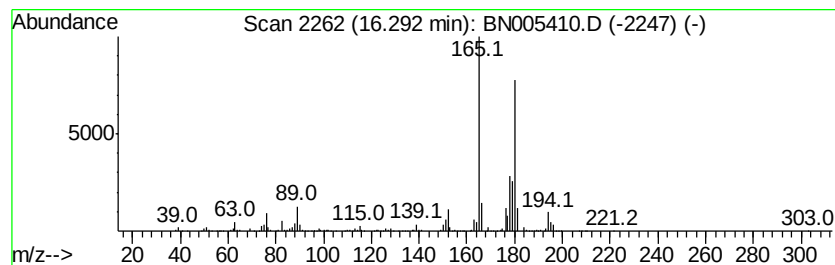
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 9H-Fluorene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.29	7.99 ng/ul	2308520	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
3		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	95
4		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
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Instrument :
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ClientSampleId :
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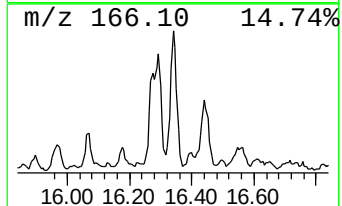
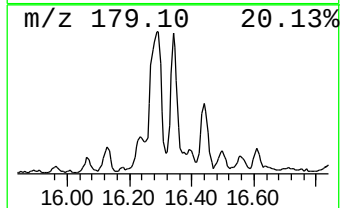
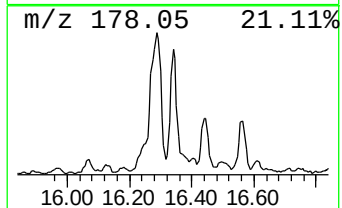
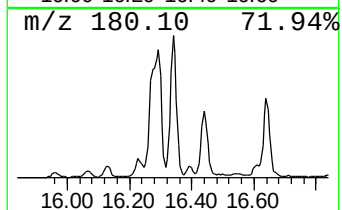
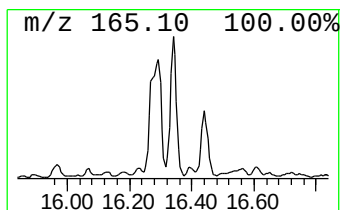
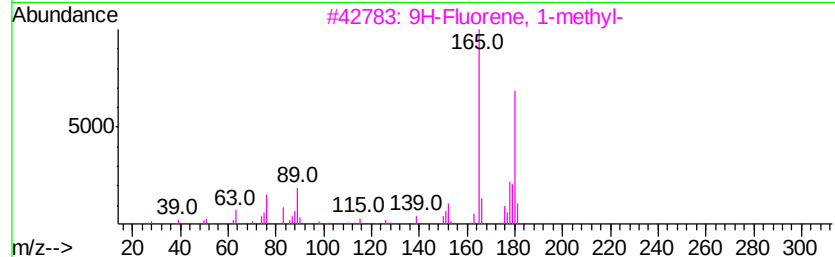
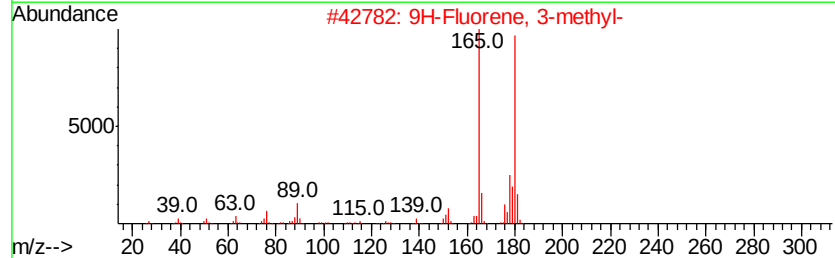
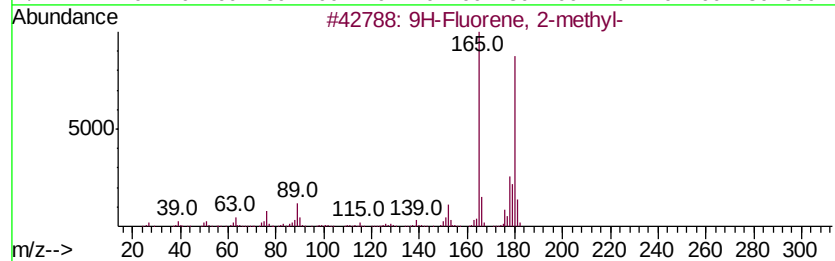
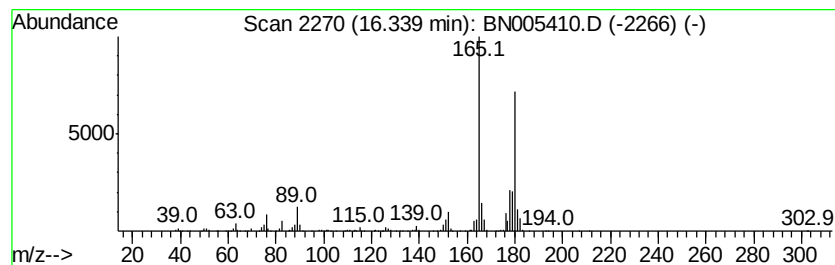
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.34	4.85 ng/ul	1401030	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	94
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
5		9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW2MEDL

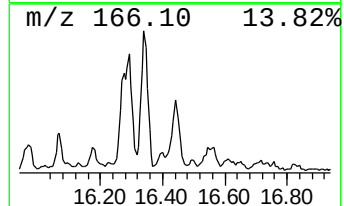
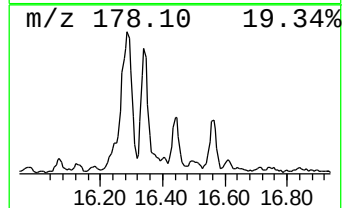
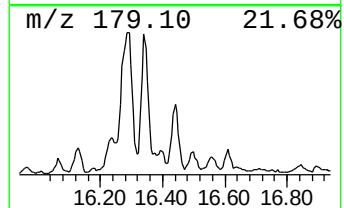
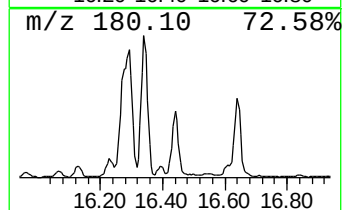
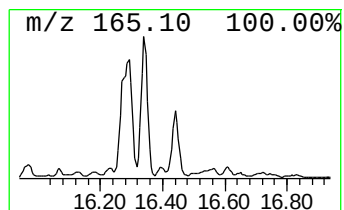
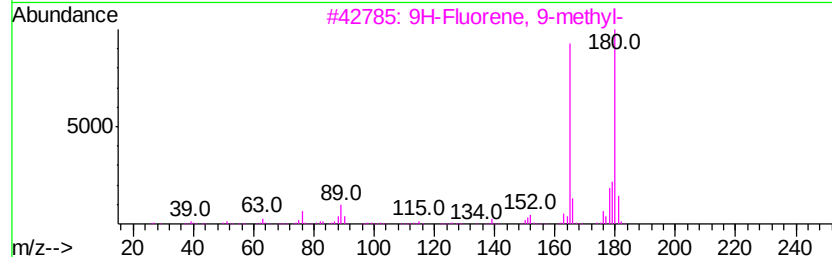
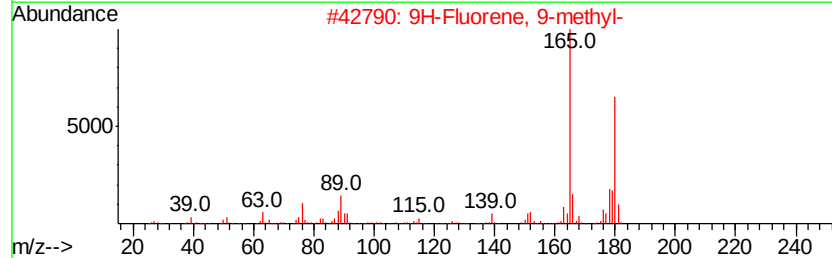
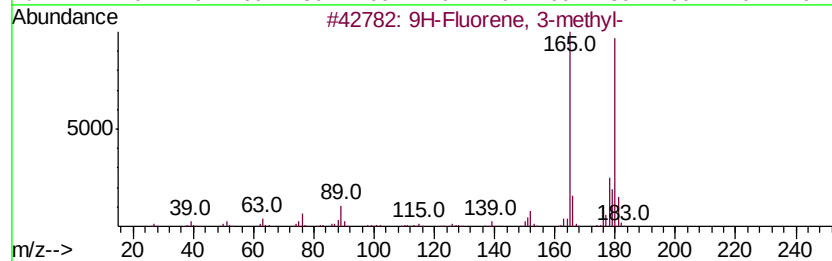
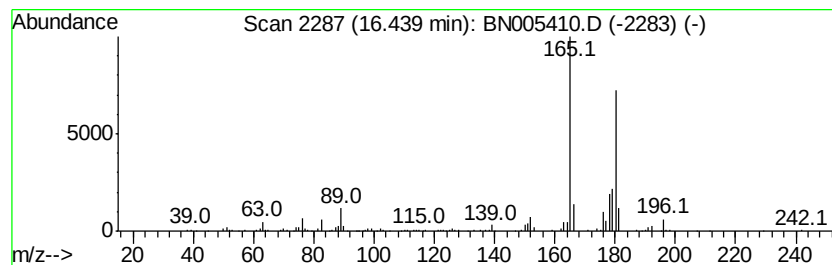
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 9H-Fluorene, 3-methyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	2.57 ng/ul	741750	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
2			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
3			9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	90
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
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Operator : JU/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAHW2MEDL

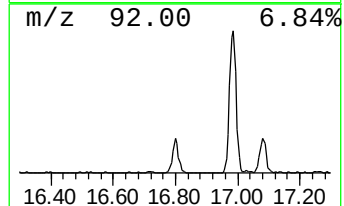
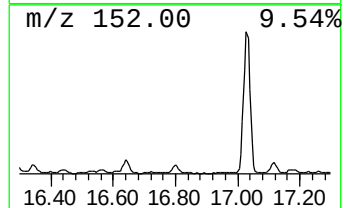
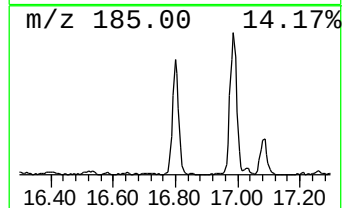
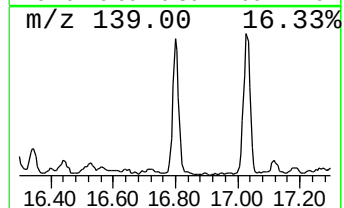
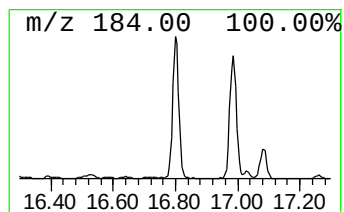
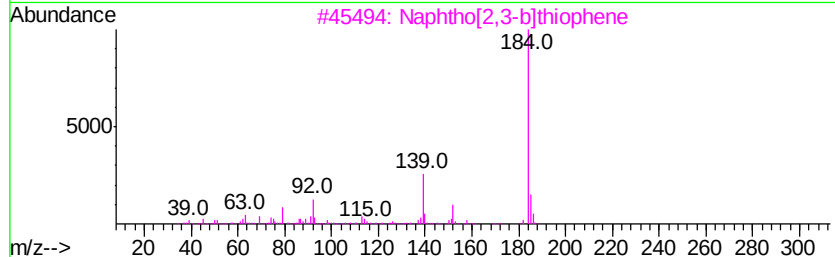
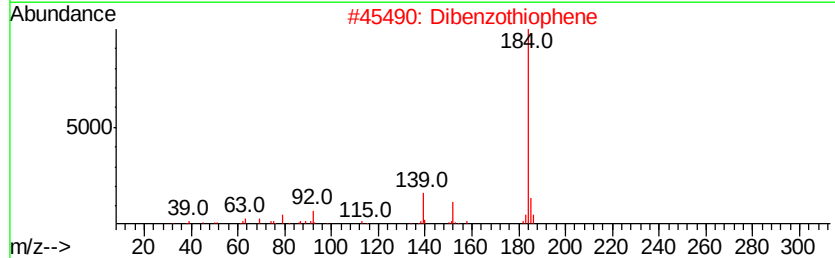
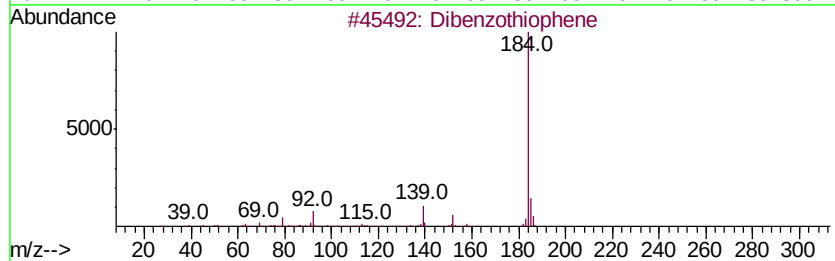
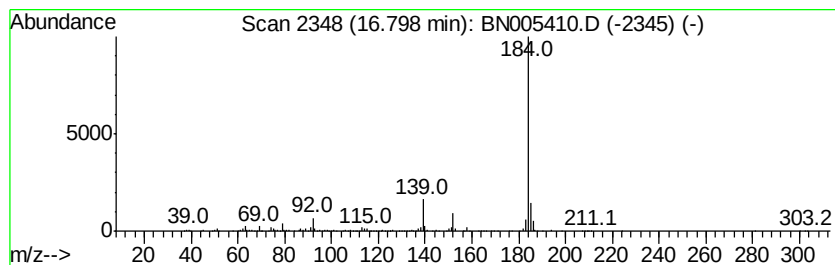
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Dibenzothiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	3.25 ng/ul	937887	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	96
2			Dibenzothiophene	184	C12H8S	000132-65-0	96
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4			Dibenzothiophene	184	C12H8S	000132-65-0	94
5			Dibenzothiophene	184	C12H8S	000132-65-0	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

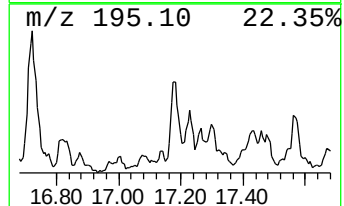
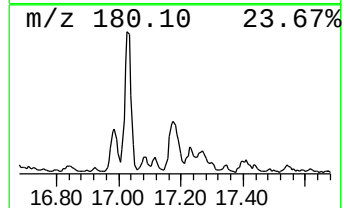
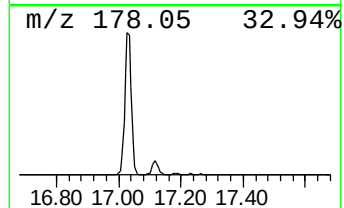
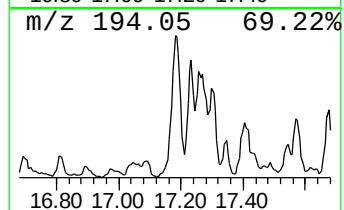
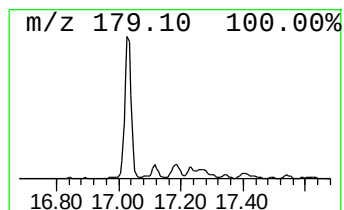
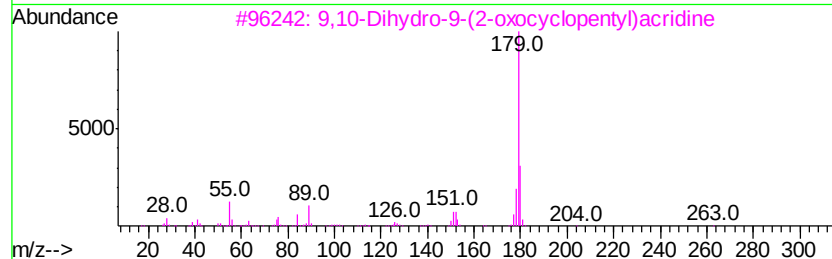
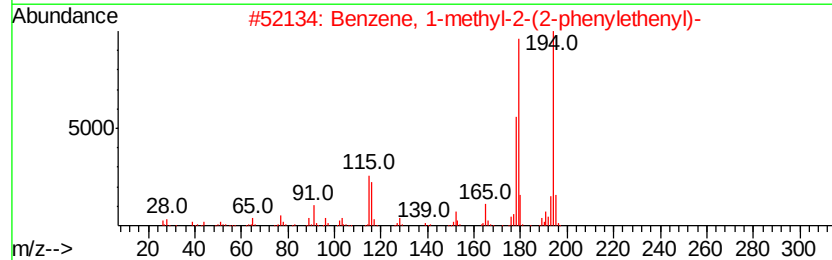
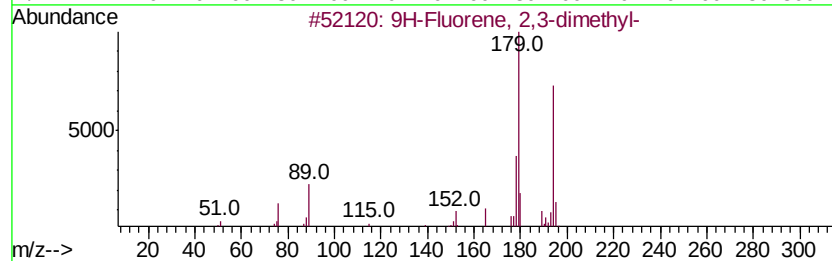
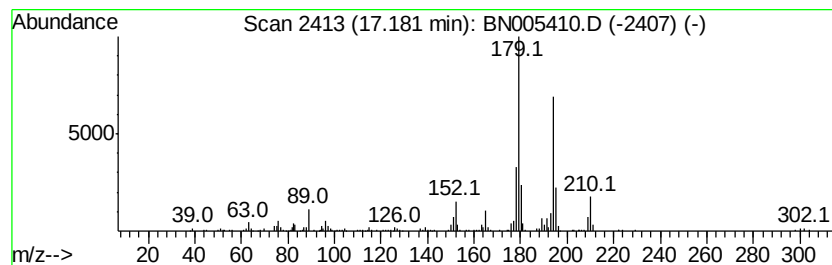
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 9H-Fluorene, 2,3-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	2.18 ng/ul	628454	Phenanthrene-d10	16.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Fluorene, 2,3-dimethyl-	194 C15H14	004612-63-9	86
2	Benzene, 1-methyl-2-(2-phenylethyl)-	194 C15H14	074685-42-0	49
3	9,10-Dihydro-9-(2-oxocyclopentyl)-	263 C18H17NO	015539-19-2	46
4	Acridine	179 C13H9N	000260-94-6	45
5	Anthracene, 9-(3-bromopropyl)-9,...	300 C17H17Br	063820-36-0	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW2MEDL

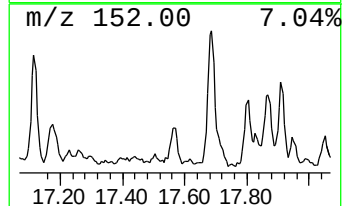
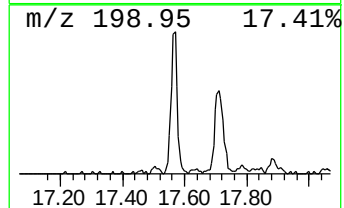
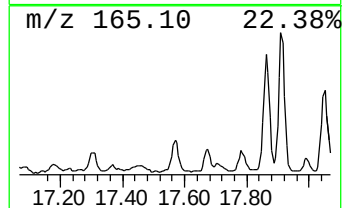
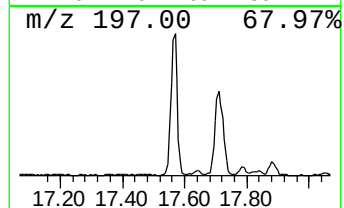
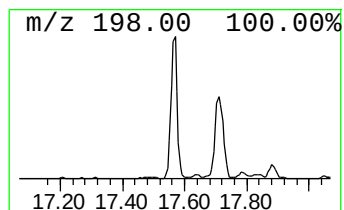
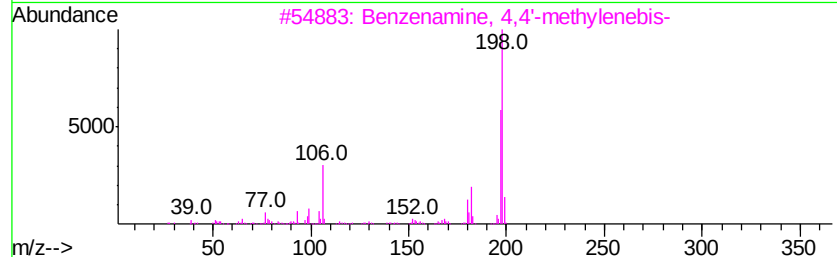
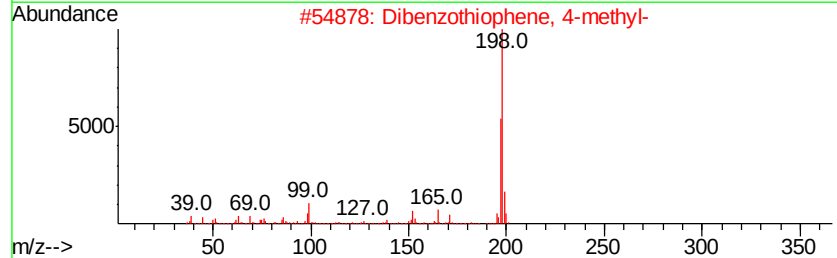
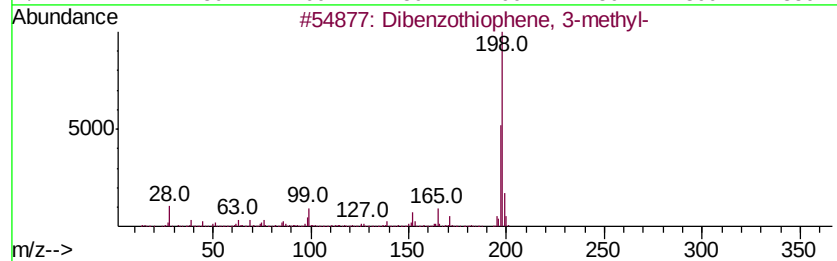
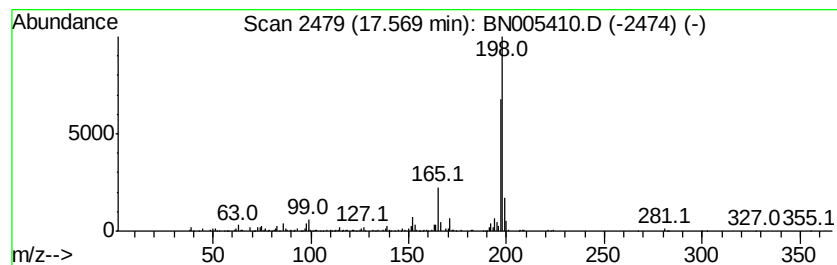
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Dibenzothiophene, 3-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	2.69 ng/ul	776299	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	74
2		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	74
3		Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
4		Benzene, 1,1'-(1-fluoro-1,2-ethe...	198	C14H11F	000671-19-2	64
5		Benzene, 1-fluoro-4-(2-phenyleth...	198	C14H11F	017404-69-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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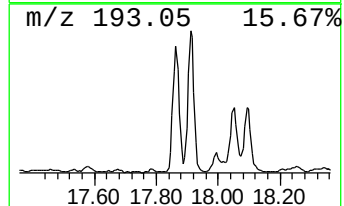
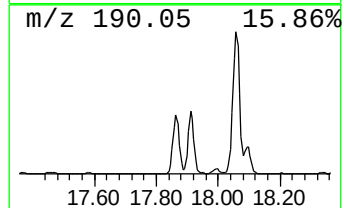
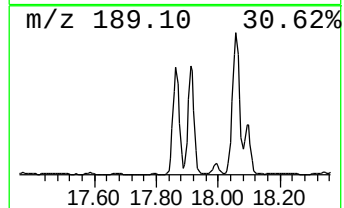
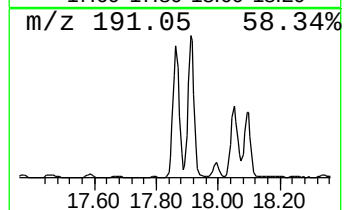
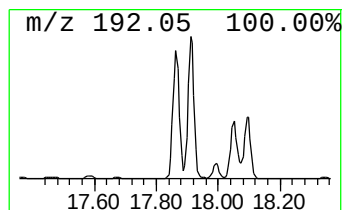
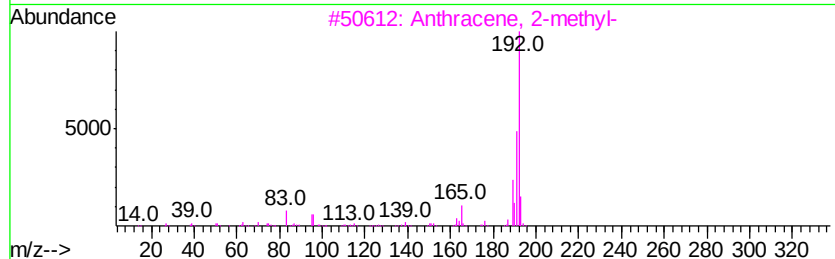
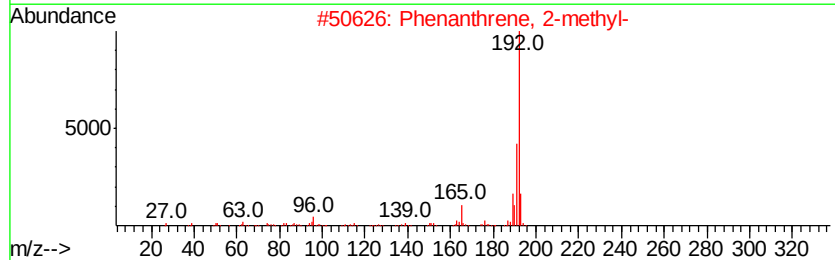
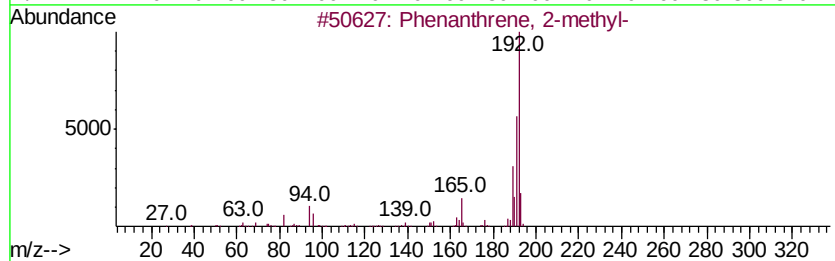
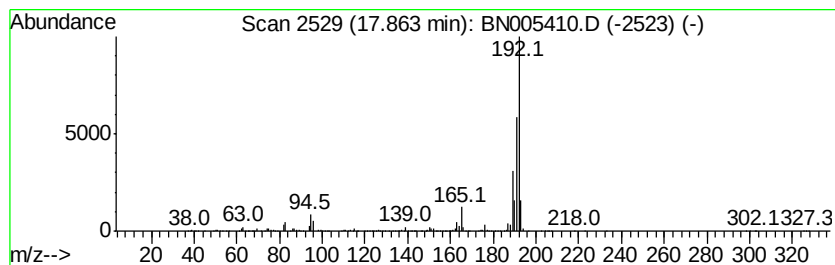
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.86	13.84 ng/ul	3997210	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
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Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

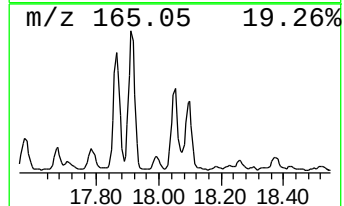
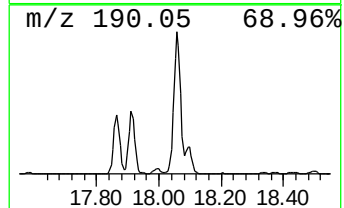
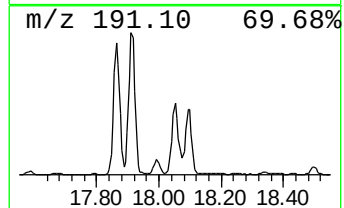
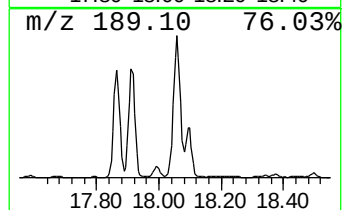
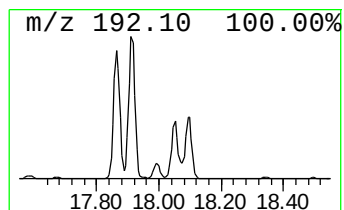
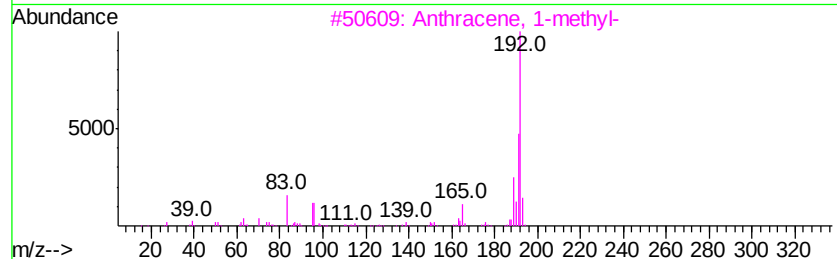
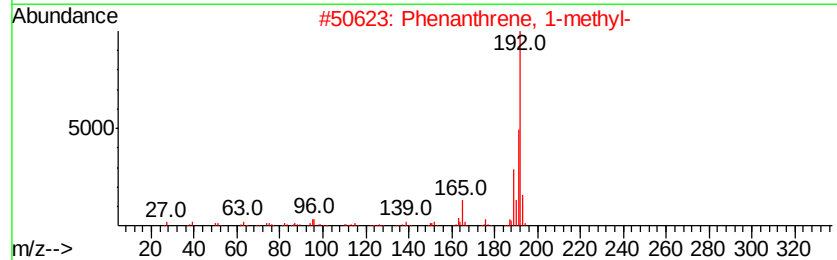
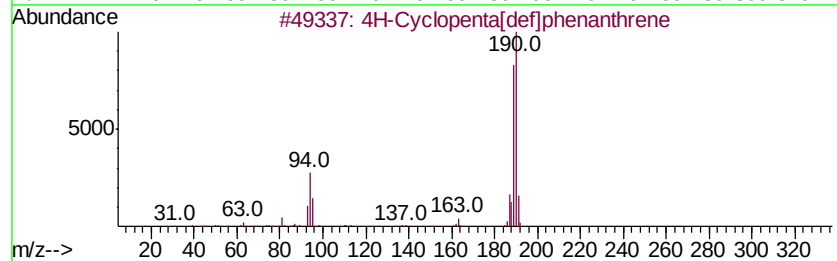
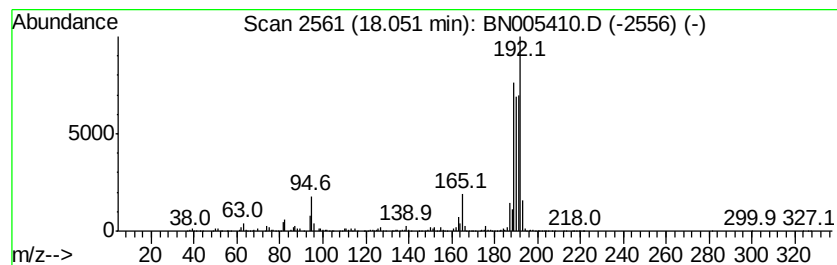
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.05	12.35 ng/ul	3565090	Phenanthrene-d10		16.99	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	50
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	50
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	50
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
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Acq On : 01 May 2019 14:46
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Sample : K2481-07MEDL 5X
Misc :
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Instrument :
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ClientSampleId :
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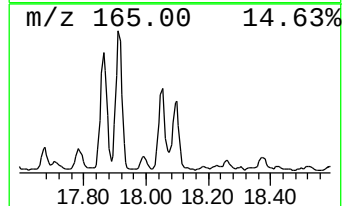
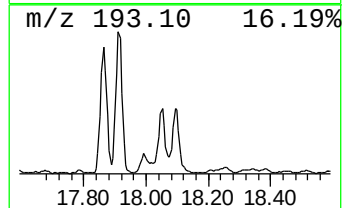
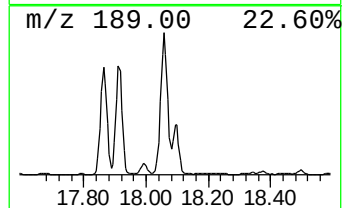
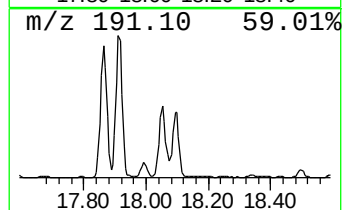
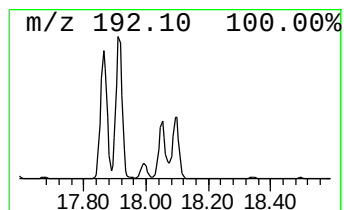
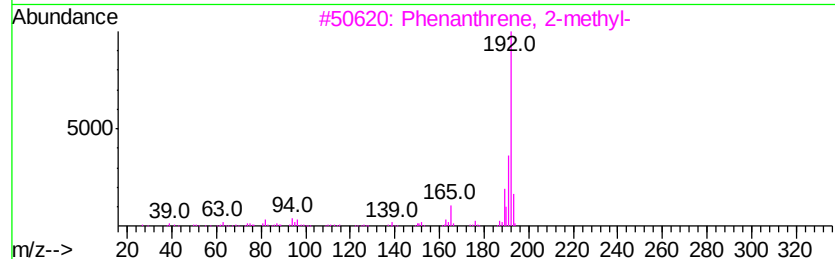
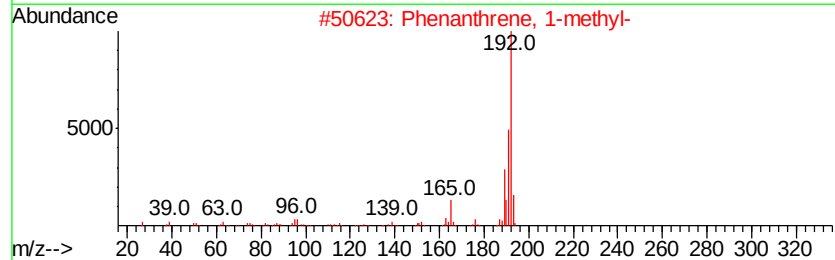
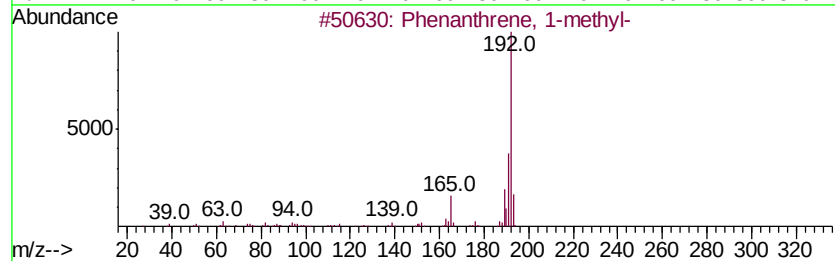
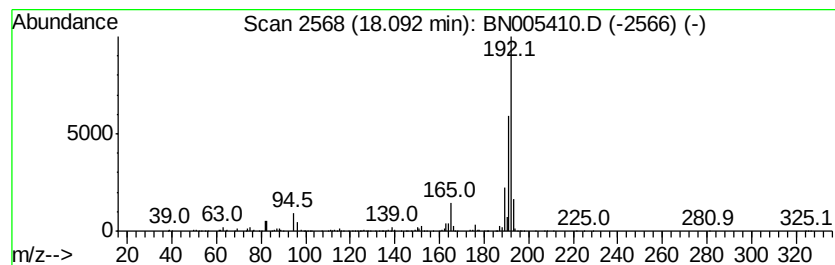
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Phenanthrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	6.41 ng/ul	1850990	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	92
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
GAHW2MEDL

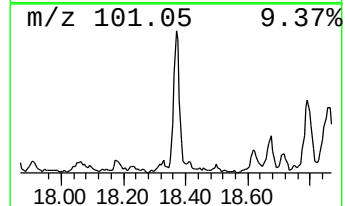
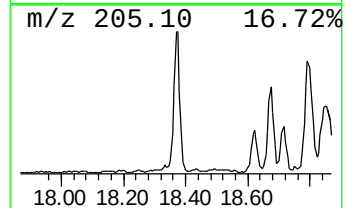
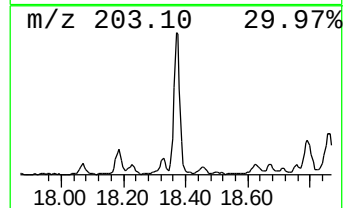
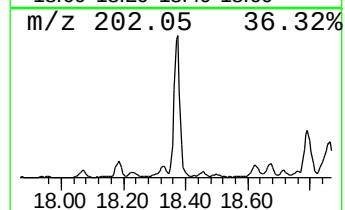
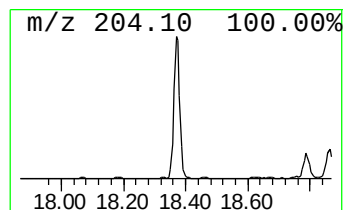
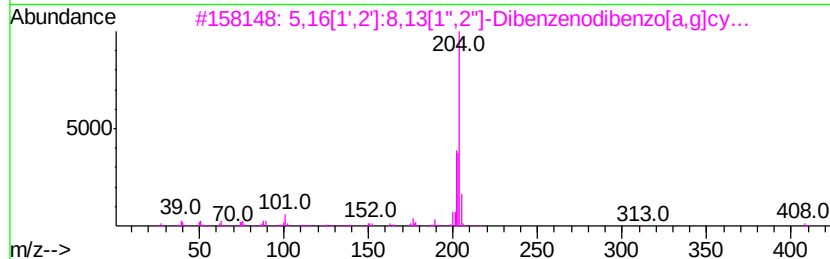
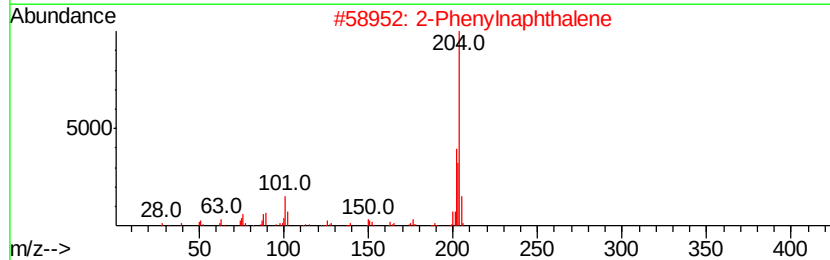
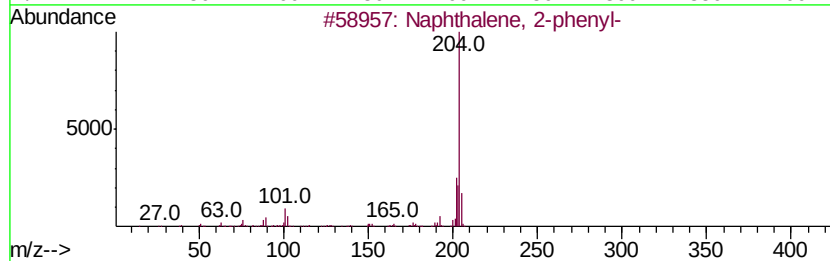
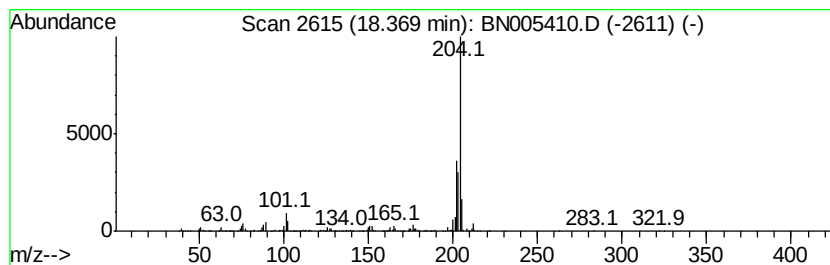
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.37	5.04 ng/ul	1455750	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	90
3		5,16[1',2']8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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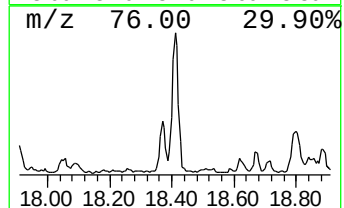
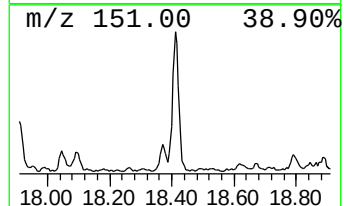
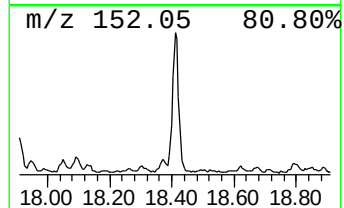
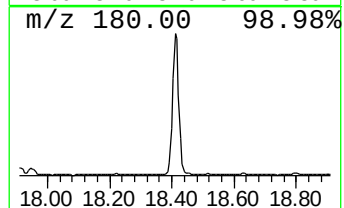
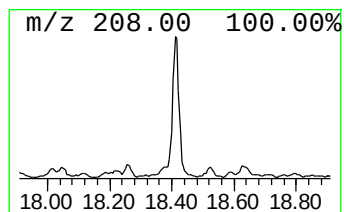
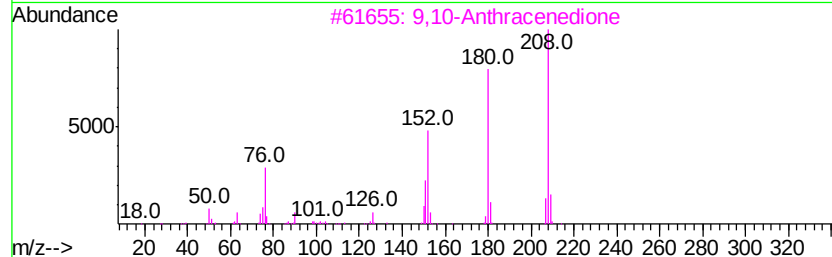
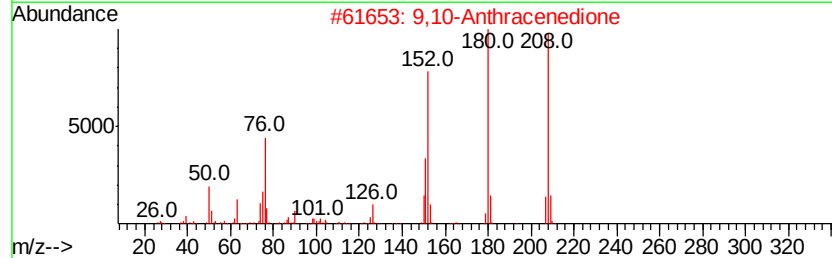
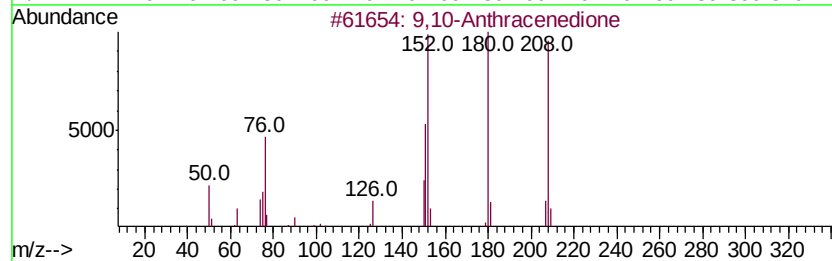
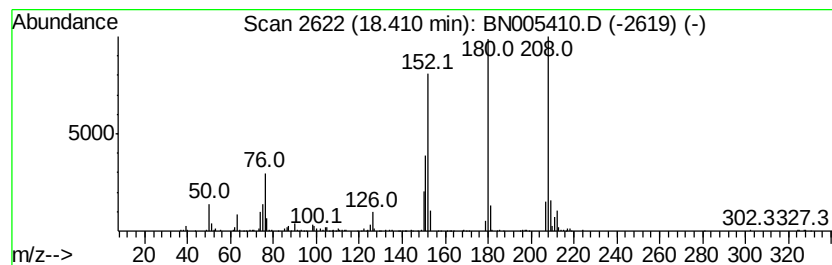
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 25 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.41	3.53 ng/ul	1020430	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
4			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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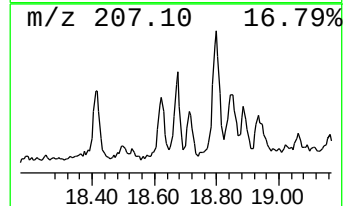
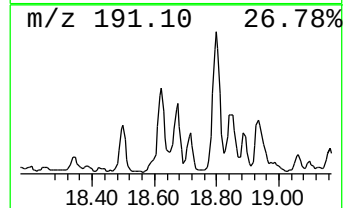
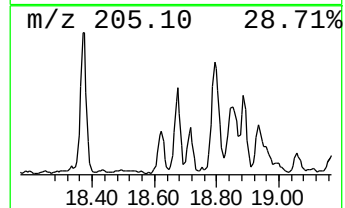
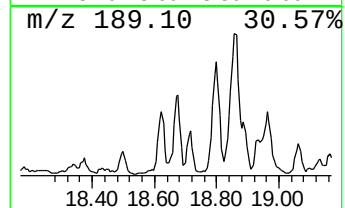
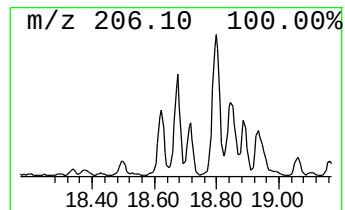
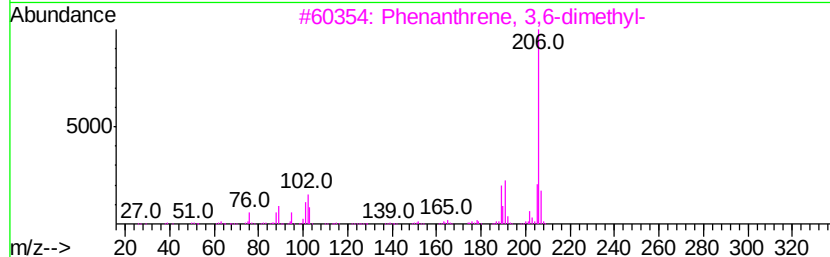
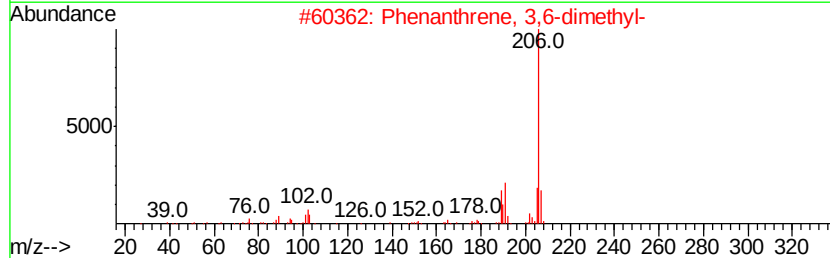
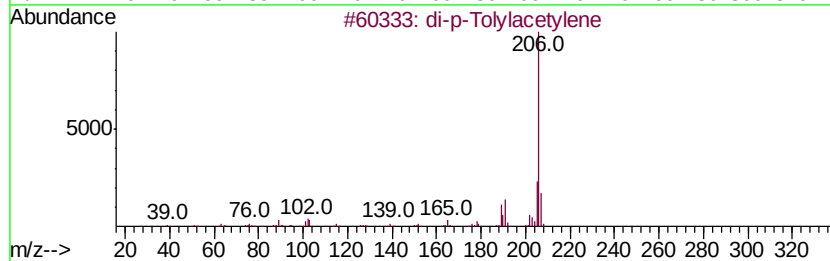
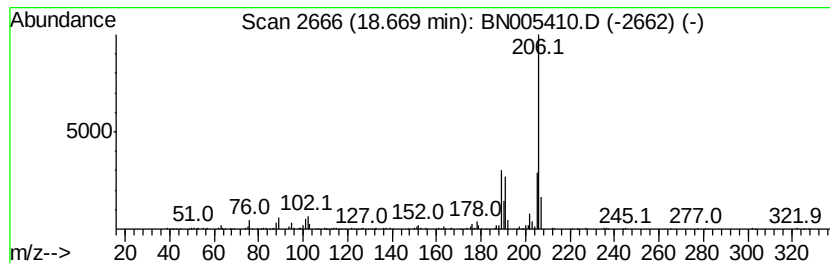
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 di-p-Tolylacetylene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.67	2.40 ng/ul	693560	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW2MEDL

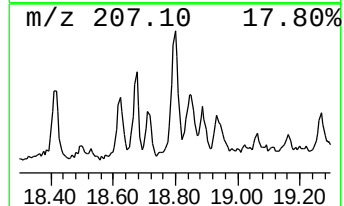
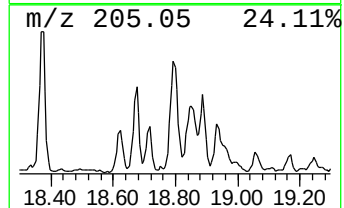
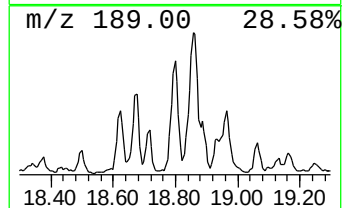
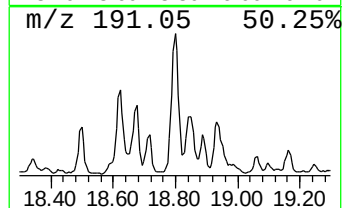
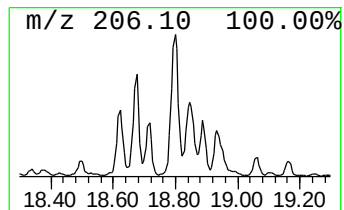
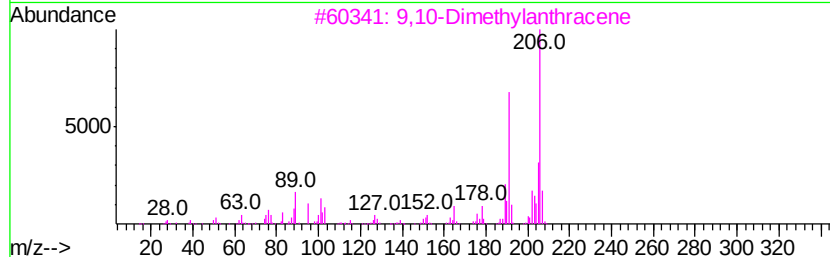
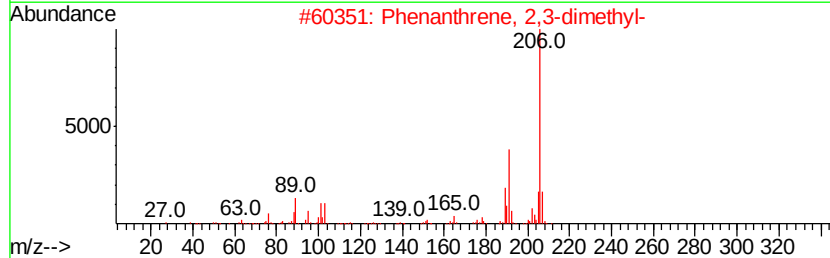
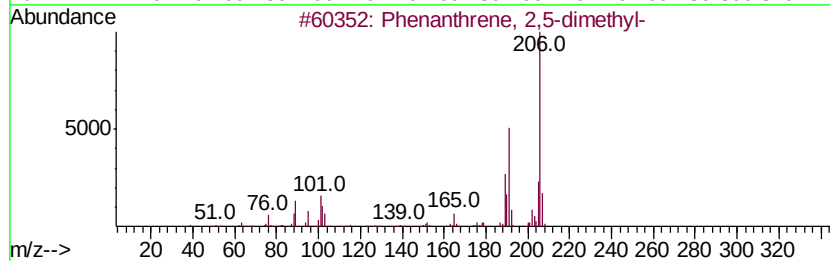
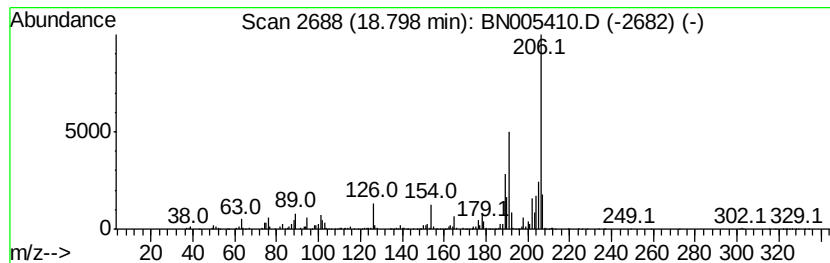
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.80	6.05 ng/ul	1745570	Phenanthrene-d10	16.99

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3		9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
5		di-p-Tolylacetylene	206	C16H14	002789-88-0	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAHW2MEDL

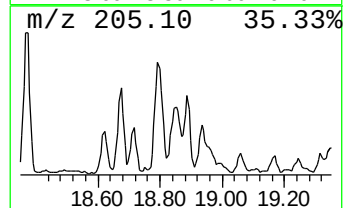
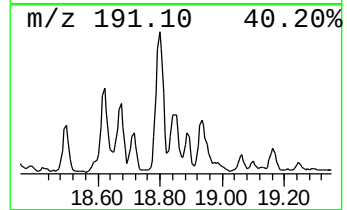
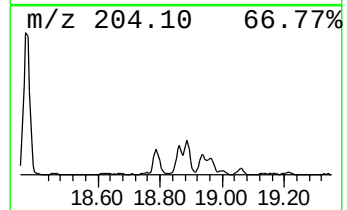
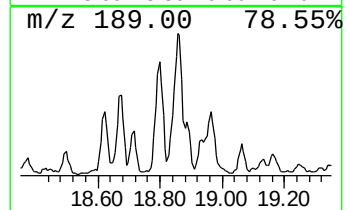
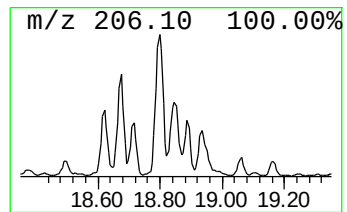
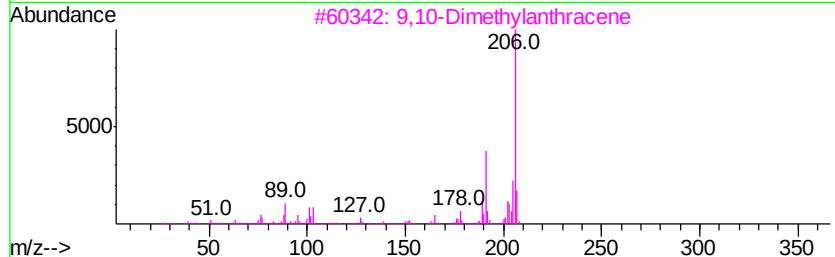
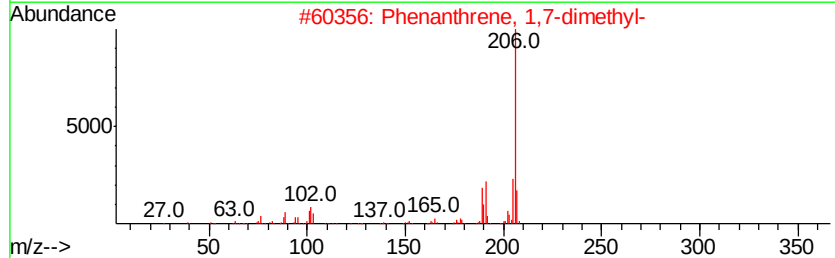
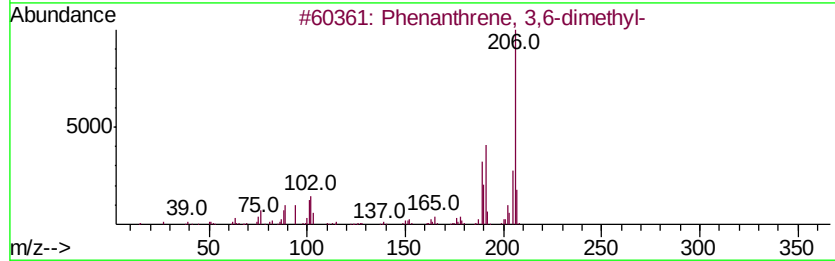
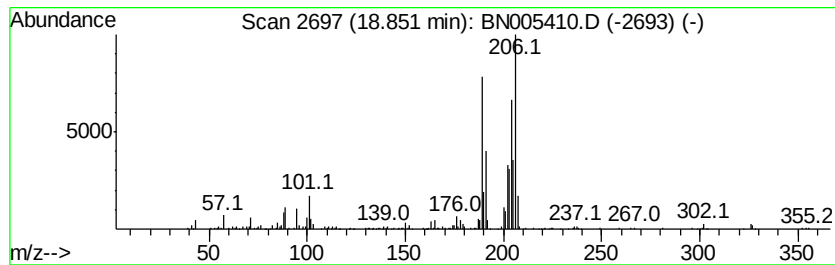
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 29 Phenanthrene, 3,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	3.92 ng/ul	1132680	Phenanthrene-d10	16.99

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	70
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	49
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	45
4			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	43
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
Data File : BN005410.D
Acq On : 01 May 2019 14:46
Operator : JU/SJ
Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

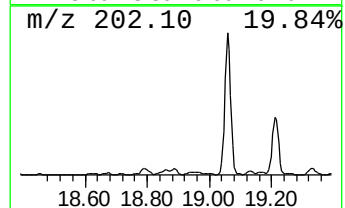
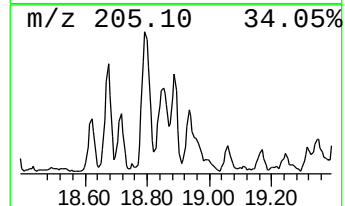
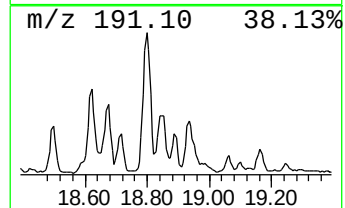
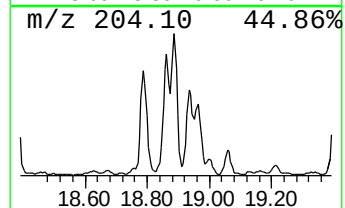
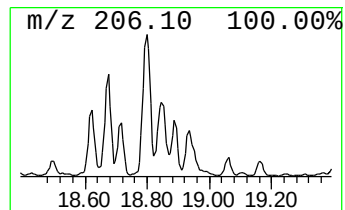
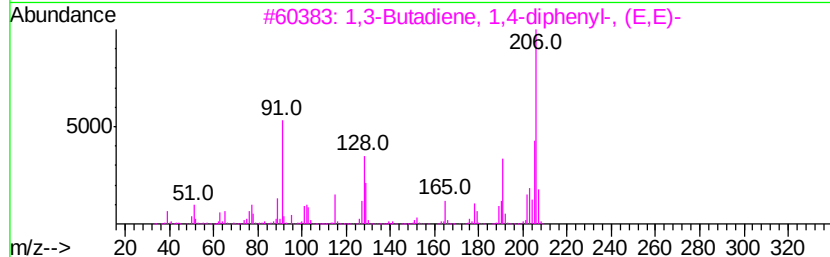
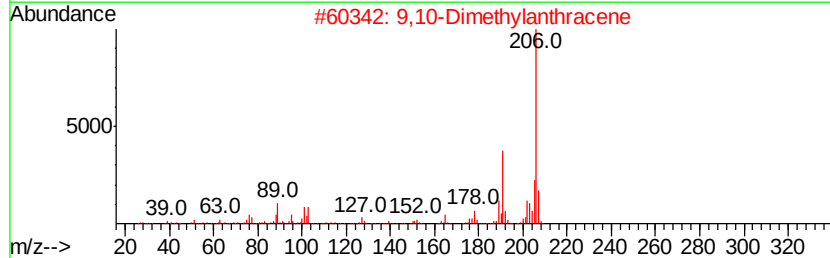
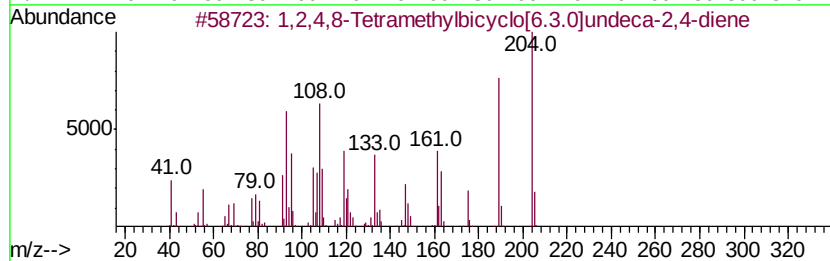
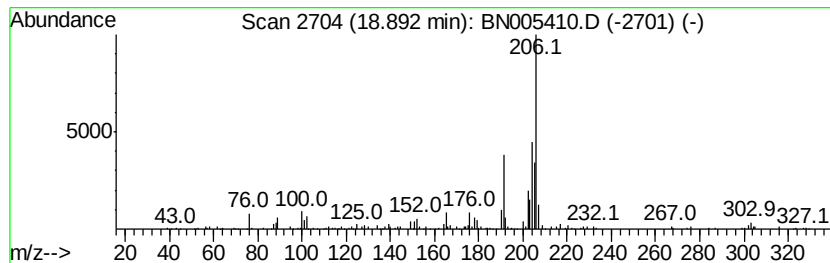
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 30 1,2,4,8-Tetramethylbicyclo[...] Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.89	2.05 ng/ul	592752	Phenanthrene-d10	16.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	60
2	9,10-Dimethylantracene	206	C16H14	000781-43-1	55
3	1,3-Butadiene, 1,4-diphenyl-, (E,E)-	206	C16H14	000538-81-8	53
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	50
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050119\
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Sample : K2481-07MEDL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

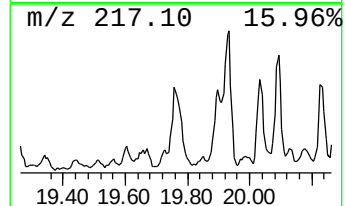
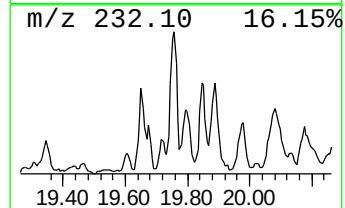
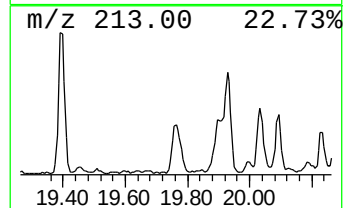
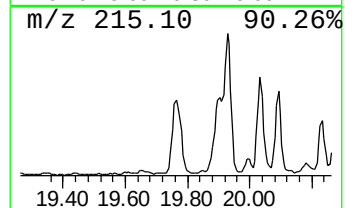
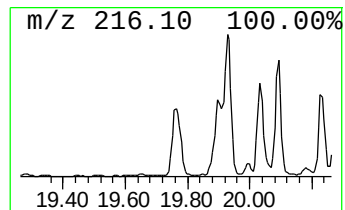
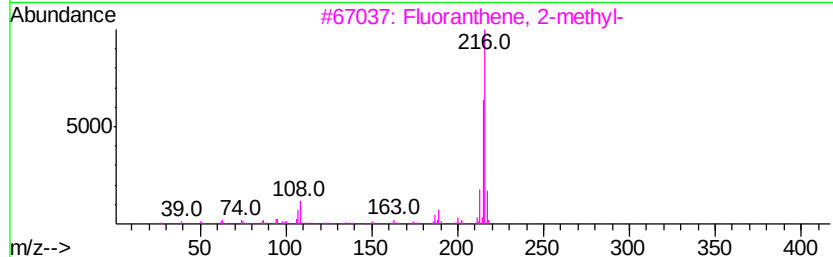
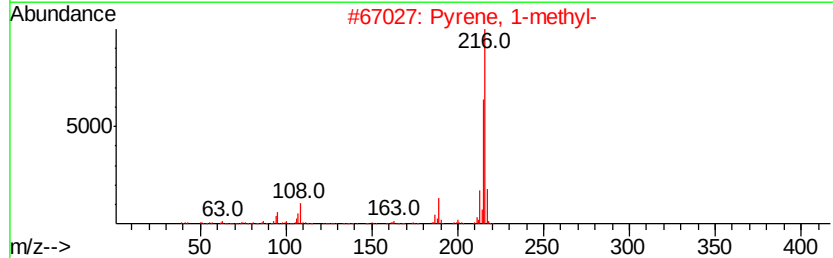
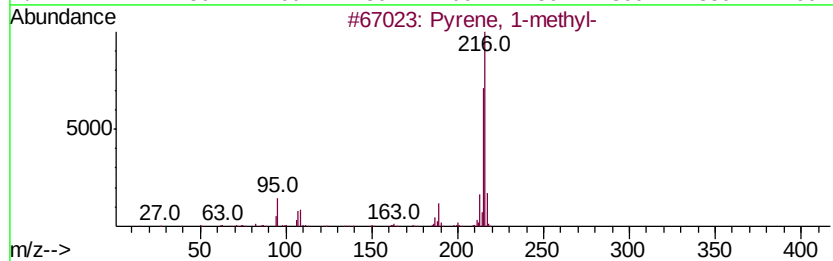
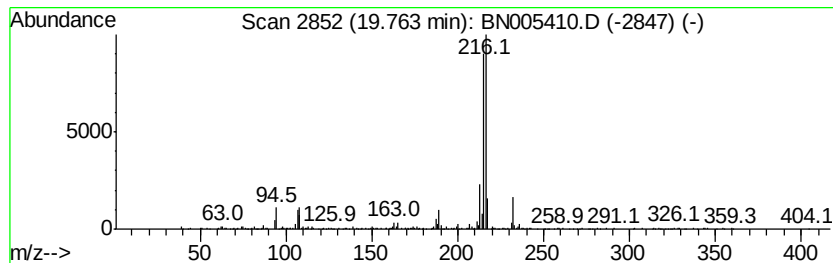
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Pyrene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	2.95 ng/ul	881432	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pyrene, 1-methyl-	216 C17H12	002381-21-7 96
2		Pyrene, 1-methyl-	216 C17H12	002381-21-7 92
3		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 91
4		Pyrene, 1-methyl-	216 C17H12	002381-21-7 90
5		Fluoranthene, 2-methyl-	216 C17H12	033543-31-6 89



Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050119\
 Data File : BN005410.D
 Acq On : 01 May 2019 14:46
 Operator : JU/SJ
 Sample : K2481-07MEDL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 GAHW2MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
(DEL) Alkane: Str...	11.80	2.0	ng/ul	438121	2	10.36	4275300	20.0
Naphthalene, 1-me...	12.25	28.6	ng/ul	6118700	2	10.36	4275300	20.0
Naphthalene, 2-et...	13.25	5.0	ng/ul	1657180	3	14.23	6557280	20.0
Naphthalene, 2,6-...	13.39	14.8	ng/ul	4858920	3	14.23	6557280	20.0
Naphthalene, 2,3-...	13.55	19.9	ng/ul	6526990	3	14.23	6557280	20.0
Naphthalene, 1,5-...	13.79	8.3	ng/ul	2719100	3	14.23	6557280	20.0
Naphthalene, 2,3,...	14.71	4.1	ng/ul	1330820	3	14.23	6557280	20.0
1,1'-Biphenyl, 3-...	14.84	6.1	ng/ul	2004920	3	14.23	6557280	20.0
3-(2-Methyl-prope...	14.91	2.6	ng/ul	854033	3	14.23	6557280	20.0
3-Trifluoromethyl...	15.10	3.3	ng/ul	1077410	3	14.23	6557280	20.0
Dibenzofuran, 4-m...	15.58	2.3	ng/ul	749884	3	14.23	6557280	20.0
Naphthalene, 1,2,...	15.97	2.0	ng/ul	588143	4	16.99	5775000	20.0
9H-Fluorene, 1-me...	16.29	8.0	ng/ul	2308520	4	16.99	5775000	20.0
9H-Fluorene, 2-me...	16.34	4.8	ng/ul	1401030	4	16.99	5775000	20.0
9H-Fluorene, 3-me...	16.44	2.6	ng/ul	741750	4	16.99	5775000	20.0
Dibenzothiophene	16.80	3.3	ng/ul	937887	4	16.99	5775000	20.0
9H-Fluorene, 2,3-...	17.18	2.2	ng/ul	628454	4	16.99	5775000	20.0
Dibenzothiophene,...	17.57	2.7	ng/ul	776299	4	16.99	5775000	20.0
Phenanthrene, 2-m...	17.86	13.8	ng/ul	3997210	4	16.99	5775000	20.0
4H-Cyclopenta[def...	18.05	12.4	ng/ul	3565090	4	16.99	5775000	20.0
Phenanthrene, 1-m...	18.09	6.4	ng/ul	1850990	4	16.99	5775000	20.0
Naphthalene, 2-ph...	18.37	5.0	ng/ul	1455750	4	16.99	5775000	20.0
9,10-Anthracenedione	18.41	3.5	ng/ul	1020430	4	16.99	5775000	20.0
di-p-Tolylacetylene	18.67	2.4	ng/ul	693560	4	16.99	5775000	20.0
Phenanthrene, 2,5...	18.80	6.0	ng/ul	1745570	4	16.99	5775000	20.0
Phenanthrene, 3,6...	18.85	3.9	ng/ul	1132680	4	16.99	5775000	20.0
1,2,4,8-Tetrameth...	18.89	2.0	ng/ul	592752	4	16.99	5775000	20.0
Pyrene, 1-methyl-	19.76	3.0	ng/ul	881432	5	21.22	5977900	20.0